

VITA

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Date of Birth: March 1, 1952

Birthplace: St. Louis, Missouri

Education:

1970-1974 University of Michigan; B.A. in Psychology in 1974
1974-1979 University of Wisconsin; M.S. 1976, Ph.D. 1979
Dissertation: "Context Dependence in Episodic Memory"

Employment:

1979-1980 University of Oklahoma, Visiting Asst. Professor
Summer 1980 University of Wisconsin, Visiting Asst. Professor
1980-1986 Texas A&M University, Assistant Professor
1986-1999 Texas A&M University, Associate Professor
1999-Present Texas A&M University, Full Professor
1995-2000, 2006-2010 Cognitive Psychology Area Coordinator
2005-6 UCLA Dept. of Psychology, Visiting Scholar
2014 Washington University Dept. of Psychology, Visiting Scholar

Research Interests:

Memory -- Retrieval Blocking & Recovery, Context-Dependent Memory, Reminiscence & Hypermnnesia, Eyewitness Memory, False & Recovered Memories

Metacognition -- Tip-Of-the-Tongue States, Metamemory

Creative Cognition -- Fixation & Mental Blocks, Incubation, Insight, Creative Idea Generation

Books:

1. Finke, R. A., Ward, T. B., & Smith, S. M. (1992). *Creative Cognition: Theory, Research, and Applications*. Cambridge, MA: MIT Press.
2. Smith, S. M., Ward, T. B., & Finke, R. A. (1995). *The Creative Cognition Approach*. Cambridge: MIT Press.
3. Ward, T. B., Finke, R. A., and Smith, S. M. (1995). *Creativity and the Mind: Discovering the Genius Within*. New York: Plenum Press.
4. Ward, T. B., Smith, S. M. & Vaid, J. (1997). *Creative Thought: An Investigation of Conceptual Structures and Processes*. Washington, DC: American Psychological Association Books.

Published Papers & Book Chapters:

1. Glenberg, A. M., Smith, S. M., & Green, C. (1977). Type I rehearsal: Maintenance and more. *Journal of Verbal Learning & Verbal Behavior*, 16, 339-352.
2. Smith, S. M., Glenberg, A. M., & Bjork, R. A. (1978). Environmental context and human memory. *Memory & Cognition*, 6, 342-353.
3. Smith, S. M. (1979). Remembering in and out of context. *Journal of Experimental Psychology: Human Learning & Memory*, 5, 460-471.
4. Glenberg, A. M., & Smith, S. M. (1981). Spacing repetitions and solving problems are not the same. *Journal of Verbal Learning & Verbal Behavior*, 20, 110-119.
5. Smith, S. M. (1982). Enhancement of recall using multiple environmental contexts during learning. *Memory & Cognition*, 10, 405-412.
6. Smith, S. M., & Rothkopf, E.Z. (1984). Contextual enrichment and distribution of practice in the classroom. *Cognition & Instruction*, 1, 341-358.
7. Smith, S. M. (1984). A comparison of two techniques for reducing context-dependent forgetting. *Memory & Cognition*, 12, 477-482.
8. Smith, S. M. (1985). Environmental context and recognition memory reconsidered. *Bulletin of the Psychonomic Society*, 23, 173-176.
9. Smith, S. M. (1985). Background music and context-dependent memory. *American Journal of Psychology*, 98, 591-603.

10. Smith, S. M. (1985). A method for teaching name mnemonics. *Teaching of Psychology*, 12, 156-158.
11. Smith, S. M. (1985). Effects of number of study environments and learning instructions on free recall clustering and accuracy. *Bulletin of the Psychonomic Society*, 23, 440-442.
12. Francks, J. B., Smith, S. M., & Ward, T. B. (1985). The use of goggles for testing hemispheric asymmetry. *Bulletin of the Psychonomic Society*, 28, 487-488.
13. Smith, S. M. (1986). Environmental context-dependent recognition memory using a short-term memory task for input. *Memory & Cognition*, 14, 347-354.
14. Smith, S. M. (1987). Memory and the eyewitness. *Expert Testimony*, 2, 1-7.
15. Smith, S. M., Vela, E., & Williamson, J. (1988). Shallow input processing does not induce environmental context-dependent recognition. *Bulletin of the Psychonomic Society*, 26, 537-540.
16. Smith, S. M. (1988). Environmental context-dependent memory. In G. Davies and D. Thomson (Eds.) *Memory in context: Context in memory*, New York: Wiley, pp 13-33.
17. Smith, S. M., & Blankenship, S. E. (1989). Incubation effects. *Bulletin of the Psychonomic Society*, 27, 311-314.
18. Smith, S. M., Heath, F. R., & Vela, E. (1990). Environmental context-dependent homophone spelling. *American Journal of Psychology*, 103, 229-242.
19. Jansson, D. G., & Smith, S. M. (1991). Design fixation. *Design Studies*, 12 (1), 3-11.
20. Rosen, D. H., Smith, S. M., Huston, H. L., & Gonzalez, G. (1991). Empirical study of associations between universal symbols and their meanings: evidence of collective unconscious (archetypal) memory. *Journal of Analytical Psychology*, 36, 211-228.
21. Smith, S. M., & Vela, E. (1991). Incubated reminiscence effects. *Memory & Cognition*, 19 (2), 168-176.
22. Smith, S. M., Brown, J. M., & Balfour, S. P. (1991). TOTimals: A controlled experimental method for observing tip-of-the-tongue states. *Bulletin of the Psychonomic Society*, 29 (5), 445-447.
23. Smith, S. M., & Blankenship, S. E. (1991). Incubation and the persistence of fixation in problem solving. *American Journal of Psychology*, 104, 61-87.
24. Smith, S. M., & Vela, E. (1992). Environmental context-dependent eyewitness

- recognition. *Applied Cognitive Psychology*, 6, 125-139.
25. Smith, S. M., Ward, T. B., & Schumacher, J. S. (1993). Constraining effects of examples in a creative generation task. *Memory & Cognition*, 21, 837-845.
 26. Smith, S. M. (1994). Frustrated feelings of imminence: On the tip-of-the-tongue. In J. Metcalfe & A. Shimamura (Eds.) *Metacognition: Knowing about knowing*. Cambridge, MA: MIT Press, p. 27-45.
 27. Smith, S. M., Balfour, S. P., & Brown, J. M. (1994). Effects of practice on TOT states. *Memory*, 2, 47-53.
 28. Smith, S. M. (1994). Getting into and out of mental ruts: A theory of fixation, incubation, and insight. In R. Sternberg & J. Davidson (Eds.) *The nature of insight*, Cambridge, MA: MIT Press, p. 121-149.
 29. Smith, S. M. (1994). Theoretical principles of context-dependent memory. In P. Morris and M. Gruneberg (Eds.) *Aspects of memory (2nd edition): Theoretical aspects*. Routledge Press, p. 168-195.
 30. Smith, S. M. (1995). Creative cognition: Demystifying creativity. In C.N. Hedley, P. Antonacci, and M. Rabinowitz (Eds.) *The Mind at Work in the Classroom: Literacy & Thinking*, Hillsdale, NJ: Erlbaum, p. 31-46.
 31. Smith, S. M. (1995). Mood is a component of mental context: Comment on Eich (1995). *Journal of Experimental Psychology: General*, 124, 309-310.
 32. Smith, S. M., Ward, T. B., & Finke, R. A. (1995). Cognitive processes in creative contexts. In S. M. Smith, T. B. Ward, & R. A. Finke (Eds.) *The creative cognition approach*, Cambridge: MIT Press, p. 1-7.
 33. Smith, S. M. (1995). Fixation, incubation, and insight in memory, problem solving, and creativity. In S. M. Smith, T. B. Ward, & R. A. Finke (Eds.) *The creative cognition approach*, Cambridge: MIT Press, p. 135-155.
 34. Smith, S. M., Ward, T. B., & Finke, R. A. (1995). Principles, paradoxes, and prospects for the future of creative cognition. In S. M. Smith, T. B. Ward, & R. A. Finke (Eds.) *The creative cognition approach*, Cambridge: MIT Press, p. 327-335.
 35. Widner, R. L. Jr., & Smith, S. M. (1996). Feeling-of-knowing judgments from the subject's perspective. *American Journal of Psychology*, 109, pp 373-387.
 36. Widner, R. L. Jr., Smith, S. M., & Graziano, W. (1996). Effects of demand characteristics on feeling-of-knowing and tip-of-the-tongue reports. *American Journal of Psychology*,

525-538.

37. Smith, S. M. (1997). The machinery of creative thinking. *Innovative Leader*, Madison, WI.
38. Ward, T. B., Smith, S. M. & Vaid, J. (1997). Conceptual structures and processes in creative thought. In T.B. Ward, S. M. Smith, & J. Vaid (Eds.) *Creative thought: An investigation of conceptual structures and processes* (pp. 1-27). Washington, DC: American Psychological Association Books.
39. Smith, S. M., & Tindell, D. R. (1997). Memory blocks in word fragment completion caused by involuntary retrieval of orthographically similar primes. *Journal of Experimental Psychology: Learning, Memory and Cognition*, *23*(2), 355-370.
40. Schwartz, B. L. & Smith, S. M. (1997). The retrieval of related information influences tip-of-the-tongue states. *Journal of Memory & Language*, *36*, 68-86.
41. Levy, W. B., Smith, S. M., & Sifonis, C. M. (1998). Internally generated reminders and hippocampal recapitulations. *Proceedings of the Twentieth Annual Meeting of the Cognitive Science Society*, Madison, WI.
42. Smith, S. M., Sifonis, C. M., & Tindell, D. R. (1998). Hints do not evoke solutions via passive spreading activation. *Proceedings of the Twentieth Annual Meeting of the Cognitive Science Society*, Madison, WI.
43. Allen, C. F., Sifonis, C. M., & Smith, S. M. (1998). Tests of Remote Association. *Proceedings of the Twentieth Annual Meeting of the Cognitive Science Society*, Madison, WI.
44. Ward, T. B., Smith, S. M., & Finke, R. A. (1999). Creative cognition. In R. Sternberg (Ed.) *Handbook of Creativity*, New York: NY, Cambridge University Press, pp. 189-212.
45. Smith, S. M. & Ward, T. B. (1999). The evolution of creativity. In D.H. Rosen, R. Gardner, & M. Luebbert (Eds.) *Evolution of the Psyche*. Westport, CA: Greenwood Publishing Group (Praeger).
46. Huston, H. L., Rosen, D. H., & Smith, S. M. (1999). Human evolution, behavior, and intelligence. In D.H. Rosen, R. Gardner, & M. Luebbert (Eds.) *Evolution of the Psyche*. Westport, CA: Greenwood Publishing Group (Praeger), pp. 139-149.
47. Dodds, R. A. & Smith, S. M. (1999). Fixation. In M. A. Runco and S. R. Pritzker (eds.) *Encyclopedia of Creativity*, Volume 1 (A-H). Associated Press: San Diego, CA, 725-728.
48. Smith, S. M. & Dodds, R. A. (1999). Incubation. In M. A. Runco and S. R. Pritzker (eds.)

Encyclopedia of Creativity, Volume 2 (I-Z, Indexes). Associated Press: San Diego, CA, pp. 39-44.

49. Smith, D. K., Paradise, D. B., & Smith, S. M. (2000). Prepare your mind for creativity. *Communications of the Association for Computing Machinery*, 43, 110-116.
50. Schwartz, B., Travis, D., Castro, A., & Smith, S. (2000). The phenomenology of real and illusory tip-of-the-tongue states. *Memory and Cognition*, 28, 18-27.
51. Smith, S. M., Ward, T.B., Tindell, D.R., Sifonis, C.M., & Wilkenfeld, M.J. (2000). Effects of category structure on created memories. *Memory and Cognition*, 28, 386-395.
52. Smith, S. M., Tindell, D. R., Pierce, B.H., Gilliland, T. R., & Gerken, D. R. (2001). Source memory failure in episodic confusion errors. *Journal of Experimental Psychology: Learning, Memory & Cognition*, 27, 362-374.
53. Pierce, B. H., & Smith, S. M. (2001). The postdiction superiority effect in metacomprehension of text. *Memory & Cognition*, 29, 62-67.
54. Smith, S. M., & Vela, E. (2001). Environmental context-dependent memory: A review and meta-analysis. *Psychonomic Bulletin and Review*, 8, 203-220.
55. Dodds, R. A., Smith, S. M., & Ward, T. B. (2002). The use of environmental clues during incubation. *Creativity Research Journal*, 14, 287-304.
56. Smith, S. M., Gerken, D. R., Pierce, B. H., and Choi, H. (2002). The roles of associative responses at study and semantically guided recollection at test in false memory: The Kirkpatrick and Deese hypotheses. *Journal of Memory and Language*, 47 (3), 436-447.
57. Kerne, A., & Smith, S. M., (2002). The Information discovery framework. Proc DIS 2002, *Association for Computing Machinery Press*, 1-8.
58. Smith, S. M., Gleaves, D. H., Pierce, B. H., Williams, T., Gilliland, T. R., & Gerken, D.R. (2003). Comparing recovered memories with created ones: An experimental approach. *Applied Cognitive Psychology*, 16, 1-29.
59. Shah, J. J., Vargas-Hernandez, N., & Smith, S. M. (2003). Metrics for measuring ideation effectiveness. *Design Studies*, 24, 111-134.
60. Smith, S. M. (2003). The constraining effects of initial ideas. In P. Paulus & B. Nijstad (Ed.s) *Group Creativity: Innovation through Collaboration*. Oxford University Press, pp 15-31.

61. Shah, J. J., Smith, S. M., Vargas-Hernandez, N., Gerken, R., & Wulan, M. (2003). Empirical studies of design ideation: Alignment of design experiments with lab experiments. *Proceedings of the American Society for Mechanical Engineering* (ASME) DTM.
62. Gerken, D. R., & Smith, S. M. (2004). Shifting modality between study and test: A fuzzy-trace theory analysis. *Psychonomic Bulletin and Review*, *11*, pp. 143-149.
63. Gleaves, D. H., Smith, S. M., Butler, L. D., & Spiegel, D. (2004). False and recovered memories in the laboratory and clinic: A review of experimental and clinical evidence. *Clinical Psychology: Science and Practice*, *11*, 3-28.
64. Kerne, A., & Smith, S. M. (2004). The information discovery framework. *Proceedings of the Association for Computing Machinery, Designing Interactive Systems* (DIS), 357-360, Cambridge, MA.
65. Choi, H., & Smith, S. M. (2005). Incubation and the resolution of tip-of-the-tongue states, *Journal of General Psychology: Experimental, Physiological, and Comparative Psychology*, *132*(4), 365-376.
66. Smith, S. M., Gerken, D. R., Shah, J., & Vargas-Hernandez, N. (2005). Empirical studies of creative cognition in idea generation. In L. Thompson & H. Choi (Eds.) *Creativity and Innovation in Organizational Teams*, Lawrence Erlbaum Associates, Inc.: Mahwah, NJ.
67. Bortfeld, H., Smith, S. M., and Tassinari, L. G. (2006). Memory and the brain: A retrospective. In *Work and Legacy of Magda Arnold*, Stephanie A. Shields & Arvid Kappas (Guest Editors), *Cognition and Emotion*, *20*(7), 1027-1045.
68. Barnhardt, T. M., Choi, H., Gerken, D. R., & Smith, S. M. (2006). Output position and word relatedness effects in a DRM Paradigm: Support for a dual-retrieval process theory of free recall and false memories. *Journal of Memory and Language*, *55*(2), 213-231.
69. Smith, S. M. (2006). Resolving repression: Commentary on M. H. Erdelyi. *Behavioral and Brain Sciences*, *29* (5), 534-535.
70. Shah J., Smith S. M., & Vargas-Hernandez, N. (2006). Empirical studies of design ideation, *Proceedings of the international design engineering technical conference/computers & information in engineering*, DETC2006-99642.
71. Smith, S. M., and Gleaves, D. H. (2007). Recovered memories. In M. P. Toglia, J. D. Read, D. F. Ross, & R. C. L. Lindsay (Eds.), *Handbook of Eyewitness Psychology*. Erlbaum Associates.

72. Smith, S. M. (2007). Context and human memory. In H. L. Roediger, III, Y. Dudai, and S. M. Fitzpatrick (Eds.) *Science of Memory: Concepts*, Oxford University Press, pp. 111-114.
73. Kerne, A., Koh, E., Smith, S. M., Choi, H., Graeber, R., Webb, A. (2007). Promoting emergence in information discovery by representing collections with composition, *ACM Creativity & Cognition*, 117-126.
74. Vargas-Hernandez, N., Shah, J., & Smith, S. M. (2007). Cognitive models of design ideation. *Proceedings of the American Society of Mechanical Engineering (ASME), international design engineering technical conference/computers & information in engineering.*
75. Smith, S. M., and Moynan, S. C. (2008). Forgetting and recovering the unforgettable. *Psychological Science*, 19 (5), pp 462-468.
76. Kerne, A., Smith, S. M., Koh, E., Choi, H., & Graeber, R. (2008). An experimental method for measuring the emergence of new ideas in information discovery. *International Journal of Human-Computer Interaction*, 24 (5), 460-477.
77. Smith, S. M. (2008). Invisible assumptions and the unintentional use of knowledge and experiences in creative cognition. *Lewis & Clark Law Review*, 12 (2), pp. 101-116.
78. Kerne, A., Koh, E., Smith, S. M., Webb, A., Dworaczyk, B. (2008). combinFormation: Mixed-initiative composition of image and text surrogates promotes information discovery, *Proceedings of the Association for Computing Machinery, Transactions on Information Systems (TOIS)*, 5:1-5:45, <http://doi.acm.org/10.1145/1416950.1416955>.
79. Smith, S. M., Kerne, A., Koh, E., & Shah, J. (2009). The Development and Evaluation of Tools for Creativity. In A. B. Markman & K. L. Wood (Ed.s) *Tools for innovation*, Oxford University Press.
80. Kohn, N. W., & Smith, S. M. (2009). Partly versus completely out of your mind: effects of incubation and distraction on resolving fixation. *Journal of Creative Behavior*, 43(2), 102-118, doi: <http://dx.doi.org/10.1002/j.2162-6057.2009.tb01309.x>
81. Smith, S. M., & Manzano, I. (2010). Video context-dependent recall. *Behavior Research Methods*, 42, 292-301; doi:10.3758/BRM.42.1.292.
82. Vargas Hernandez, N., Shah, J. J., & Smith, S. M. (2010). Understanding design ideation mechanisms through multilevel aligned empirical studies. *Design Studies*, 31(4), 382-410, doi:10.1016/j.destud.2010.04.001.
83. Smith, S. M., Linsey, J. S., & Kerne, A. (2010). Using evolved analogies to overcome

- creative design fixation. In T. Taura & Y. Nagai (Eds.) *Design creativity 2010*, Springer Press, pp 35-39.
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85. Smith, S. M. (2011). Blocking out blocks: Adaptive forgetting of fixation in memory, problem solving, and creative ideation. In A. Benjamin (Ed.) *Successful remembering and successful forgetting: A Festschrift in honor of Robert A. Bjork*, APS/Psychology Press.
86. Kohn, N. W., & Smith, S. M. (2011). Collaborative fixation: Effects of others' ideas on brainstorming. *Applied Cognitive Psychology*, (24), 1–22. Published online in Wiley InterScience (www.interscience.wiley.com) doi: 10.1002/acp.1699.
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90. Smith, S. M. (2011). Incubation. In M. Runco & S. Pritzker (Eds.) *Encyclopedia of creativity* (2nd Edition), Elsevier, Inc.
91. Smith, S. M., & Ward, T. B. (2012). Cognition and the creation of ideas. In K. Holyoak & R. Morrison (Eds.) *Oxford handbook of thinking and reasoning*, Oxford University Press, pp 456-474.
92. Shah, J. J., Millsap, R. E., Woodward, J., & Smith, S. M. (2012). Applied tests of design skills – Part I: Divergent thinking. *American Society of Mechanical Engineering (ASME) Journal of Mechanical Design*, 134(2), 134-143, doi: 10.1115/1.4005594.
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- creativity. ***The creativity research handbook: Volume 3***, Hampton Press, Inc: New York, NY, pp 251-284.
95. Handy, J. D., & Smith, S. M. (2012). Triggering memory recovery: Effects of direct and incidental cuing. ***Consciousness and Cognition***, 21(4), 1711-1724, doi: <http://dx.doi.org/10.1016/j.concog.2012.10.003>.
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97. Sotirova-Kohli, M., Opwis, K., Roesler, C., Smith, S. M., Rosen, D. H., Vaid, J., & Djonov, V. (2013). Symbol/Meaning Paired-Associate Recall: An “Archetypal Memory” Advantage?. ***Behavioral sciences***, 3(4), 541-561.
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99. Smith, S. M. (2013). Effects of environmental context on human memory. In T. J. Perfect and D. S. Lindsay (Ed.s) ***Sage handbook of applied memory***, Sage Publications: London, UK, pp 162-182.
100. Smith, S. M., Handy, J. D., Angello, G., and Manzano, I. (2014). Effects of similarity on environmental context cueing. ***Memory***, 22(5), 493-508, doi:10.1080/09658211.2013.800553
101. Smith, S. M., & Handy, J. D. (2014). Effects of varied and constant environmental contexts on acquisition and retention. ***Journal of Experimental Psychology: Learning, Memory & Cognition***, 40(6), 1582-1593, <http://dx.doi.org/10.1037/xlm0000019>
102. Kerne, A., Webb, A. M., Smith, S. M., Linder, R., Lupfer, N., Qu, Y., Moeller, J., Damaraju, S. (2014). Using metrics of curation to evaluate information-based ideation. ***Association for Computing Machinery: Transactions on Computer-Human Interaction***, 21(3), doi: <http://dx.doi.org/10.1145/2591677>
103. Angello, G., Storm, B. C., & Smith, S. M. (2015). Overcoming fixation with repeated memory suppression. ***Memory***, 23(3), 381-389, doi: 10.1080/09658211.2014.889167.
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105. Jain, A., Lupfer, N., Qu, Y., Linder, R., Kerne, A., and Smith, S. M. (2015). Evaluating TweetBubble with Ideation Metrics of Exploratory Browsing, *Proc. Creativity and Cognition Association for Computing Machinery*, 178-187, <http://dx.doi.org/10.1145/2757226.2757239>
106. Smith, S. M., and Handy, J. D. (2016). The crutch of context-dependency: Effects of contextual support and constancy on acquisition and retention. *Memory*, 24 (8), 1134-1141, doi:10.1080/09658211.2015.1071852.
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108. Barnhardt, T. M., Manzano, I., Brito, M., Myrick, M., & Smith, S. M. (2016). The effects of product placement in fictitious literature on consumer purchase intention. *Psychology & Marketing*, 33 (11), 883-898, doi: 10.1002/mar.20926.
109. Smith, S. M., Gerkens, D. R., and Angello, G. (2017). Alternating incubation effects in the generation of category exemplars. *Journal of Creative Behavior*, doi: 10.1002/jocb.88
110. Smith, S. M. (2017). Those insidious proxies and other comments on De Houwer et al.'s "Psychological Engineering: A Functional-Cognitive Perspective on Applied Psychology." *Journal of Applied Research in Memory and Cognition*, 6(1), 40-42, DOI 10.1016/j.jarmac.2016.11.003.
111. Beda, Z., and Smith, S. M. (2018). Chasing red herrings: Memory of distractors causes fixation in creative problem solving. *Memory & Cognition*, 46(5), 671-684. <https://doi.org/10.3758/s13421-018-0799-3>.
112. Smith, S. M., Handy, J. D., Hernandez, A., and Jacoby, L. L. (2018). Context specificity of automatic influences of memory. *Journal of Experimental Psychology: Learning, Memory, and Cognition*. DOI: 10.1037/xlm0000523
113. Saenz G. D. & Smith, S. M. (2018). Testing judgments of learning in new contexts to reduce confidence. *Journal of Applied Research in Memory and Cognition*. <https://doi.org/10.1016/j.jarmac.2018.07.003>
114. Smith, S. M., and Beda, Z. (2020). Old problems in new contexts: The context dependent fixation hypothesis. *Journal of Experimental Psychology: General*, 149(1), 192-197. <https://doi.org/10.1037/xge0000615>
115. Smith, S. M., & Beda, Z. (2020). Forgetting Fixation with Context Change. *Journal of Applied Research in Memory and Cognition*, 9(1), 19-23.

116. Smith S. M., and Beda, Z. (2020). Blocked and recovered memories. In B. Schwartz and A. Cleary (Ed.s) *Memory Quirks: The Study of Odd Phenomena in Memory*, Abingdon, UK: Routledge Press.
117. Beda, Z., Smith, S. M., & Orr, J. (2020). Creativity on demand-Hacking into creative problem solving. *Neuroimage*, 116867-116867.
118. Smith, S. M., Beda, Z., & Hernandez, A. (2020). Entrenchment: Effects of multiple red herrings on memory blocks in word fragment completion. *Memory*, 1-7.
119. Beda, Z., & Smith, S. M. (in press). Unfixate your creative mind: Forgetting fixation and its applications. *Translational Issues in Psychological Science*.

Convention Papers and Invited Addresses:

1. Smith, S. M. (November, 1976). Effects of environmental context on recall and recognition. Paper presented at the meeting of the Psychonomic Society, St. Louis, MO.
2. Smith, S. M. (May, 1979). Remembering context. Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
3. Smith, S. M., & Glenberg, A.M. (May, 1980). Recognition memory and environmental context. Midwestern Psychological Association, St. Louis, MO.
4. Smith, S. M. (May, 1982). Reduction of contextual memory dependence using multiple learning contexts. Paper presented at the meeting of the Midwestern Psychological Association, Minneapolis, MN.
5. Smith, S. M., & Rothkopf, E.Z. (March, 1982). Varying environmental context of lessons to compensate for massed teaching. Paper presented at the meeting of American Educational Research Association, New York, NY.
6. Smith, S. M. (May, 1982). Context-dependent memory: Effects of test type and cognitive style. Paper presented at the meeting of the Psychonomic Society, Minneapolis, MN.
7. Smith, S. M. (May, 1983). Cognitive style and context-dependent memory. Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
8. Smith, S. M. (April, 1984). Contextual enrichment of memory as a function of learning instructions. Paper presented at the meeting of the Southwestern Psychological Association, New Orleans, LA.
9. Smith, S. M. (March, 1984). Context-dependent memory. Invited address, Trinity University, San Antonio, TX.

10. Smith, S. M. (May, 1984). Use of background music to induce context-dependent memory. Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
11. Smith, S. M. (November, 1984). More evidence of context-dependent recognition memory. Paper presented at the meeting of the Psychonomic Society, San Antonio, TX.
12. Smith, S. M. (April, 1985). Memory and cognition in a flotation tank. Paper presented at the meeting of the Southwestern Psychological Association, Austin, TX.
13. Smith, S. M., & Blankenship, S.E. (November, 1985). Forgetting as a means of release from fixation in problem solving. Paper presented at the meeting of the Psychonomics Society, Boston, MA.
14. Smith, S. M., & Vela, E. (April, 1986). Effects of inter-test duration and activity on hypermnesia. Paper presented at the meeting of the Southwestern Psychological Association, Fort Worth, TX.
15. Smith, S. M., & Heath, F.R. (April, 1986). Conscious and unconscious effects of environmental context-dependent memory. Paper presented at the meeting of the Southwestern Psychological Association, Fort Worth, TX.
16. Smith, S. M., & Vela, E. (May, 1986). Context-dependent eyewitness recognition. Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
17. Smith, S. M., & Vela, E. (November, 1986). Outshining: The relative effectiveness of cues. Paper presented at the meeting of the Psychonomic Society, New Orleans, LA.
18. Smith, S. M., Vela, E., & Williamson, J. (April, 1987). Effects of level of processing on accuracy and latency measures of context-dependent memory. Paper presented at the meeting of the Southwestern Psychological Association, New Orleans, LA.
19. Smith, S. M., & Vela, E. (May, 1987). Effects of imagined, videotaped, and physical environmental reinstatement on eyewitness recognition. Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
20. Smith, S. M., & Vela, E. (November, 1987). Hypermnesia: Output interference and forgetting. Paper presented at the meeting of the Psychonomic Society, Seattle, WA.
21. Smith, S. M. (April 1988). Fixation, incubation, and insight. Invited address, University of Arkansas, Fayetteville, AK.
22. Smith, S. M., Blankenship, S.E., & Vela, E. (April, 1988). Diversion, forgetting, and insight. Paper presented at the meeting of the Midwestern Psychological Association,

Chicago, IL.

23. Smith, S. M., & Blankenship, S.E. (November, 1988). An accessibility interpretation of fixation and incubation. Paper presented at the meeting of the Psychonomic Society, Chicago, IL.
24. Jansson, D.G., & Smith, S. M. (June, 1989). Design fixation. Paper presented at the proceedings of the NSF Engineering Design Research Conference, Amherst, MA.
25. Smith, S. M., & Vela, E. (November, 1989). Cue outshining: An explanation of subadditive composite cuing. Paper presented at the meeting of the Psychonomic Society, Atlanta, GA.
26. Smith, S. M., Brown, J.M., & Balfour, S.P. (June, 1990). TOTimals. Presented at annual Texas Cognition Conference (ARMADILLO), Trinity University, San Antonio, TX.
27. Smith, S. M., Brown, J.M., & Balfour, S.P. (November, 1990). TOTimals: A controlled method for observing TOT states. Paper presented at the meeting of the Psychonomic Society, New Orleans, LA.
28. Smith, S. M. (March, 1991). New approaches to the tip-of-the-tongue phenomenon. University of Texas-Austin Department of Psychology invited address.
29. Smith, S. M. (March, 1991). Meta-cognitive research on the tip-of-the-tongue phenomenon. Baylor University Department of Psychology invited address.
30. Smith, S. M. (April, 1991). A new method for observing TOT states. Rice University Dept. of Psychology invited talk.
31. Smith, S. M., Brown, J.M., & Balfour, S.P. (May, 1991). Effects of name practice on tip-of-the-tongue states. Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
32. Smith, S. M., Ward, T.B., & Schumacher, J.S. (May, 1991). Constraining effects of examples in a creative generation task. Paper presented at the 2nd annual Texas Cognition Conference (ARMADILLO), College Station, TX.
33. Brown, J.M., & Smith, S. M. (May, 1991). Reduction of output interference following part-list cuing inhibition. Paper presented at the second annual Texas Cognition Conference (ARMADILLO), College Station, TX.
34. Smith, S. M. (July, 1991). The TOTimals method: Effects of acquisition & retention factors on tip-of-the-tongue experiences. Presented at the proceedings of the first International Conference on Memory, Lancaster, England.

35. Smith, S. M. (November, 1991). Tip-of-the-tongue states and blockers with imaginary animals as targets. Presented at the meeting of the Psychonomic Society, San Francisco, CA.
36. Dennehy, E.B., Bulow, P., Wong, F., Smith, S. M., & Aronoff, J.B. (April, 1992). A test of cognitive fixation in brainstorming groups. Paper presented at the meeting of the Eastern Psychological Association, Boston, MA.
37. Smith, S. M., & Schumacher, J.S. (April, 1992). A test of transfer-appropriate fixation in problem solving. Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
38. Brown, J.M., & Smith, S. M. (April, 1992). Recovery from part-list cuing inhibition. Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
39. Smith, S. M. (May, 1992). Tip-of-the-tongue states and incubation. Paper presented at the third annual Texas Area Cognition Conference (ARMADILLO), Houston, TX.
40. Finke, R.A., Ward, T.B., & Smith, S. M. (May, 1992). Creative cognition. Paper presented at the third annual Texas Area Cognition Conference (ARMADILLO), Houston, TX.
41. Smith, S. M., Ward, T.B. & Finke, R.A. (November, 1992). A cognitive approach to creativity. Paper presented at the meeting of the Psychonomic Society, St. Louis, MO.
42. Smith, S. M. (April, 1993). Fixation in memory and problem solving. Invited address presented at the Weiskrantz Symposium on memory, Baylor University, Waco, TX.
43. Smith, S. M., Carr, J.A., & Tindell, D.R. (April, 1993). Fixation and incubation in word fragment completion. Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
44. Balfour, S.P., & Smith, S. M. (April, 1993). A demonstration of meaning-related blocking in the tip-of-the-tongue phenomenon. Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
45. Widner, R.L., Jr., & Smith, S. M. (May, 1993). Effects of demand characteristics on metamemory judgments. Paper presented at the third annual Texas Area Cognition Conference (ARMADILLO), Arlington, TX.
46. Balfour, S.P., & Smith, S. M. (June, 1993). Semantic blocking in TOT states. Paper presented at the meeting of the American Psychological Society, Chicago, IL.
47. Smith, S. M. (June, 1993). Creative cognition. Invited address for "Thinking and

- Reading: *The Mind at Work in the Classroom*, Fordham University, New York, NY.
48. Smith, S. M. (November, 1993). Natural stupidity: Everyday patterns of maladaptive cognition. Invited address, Nebraska Wesleyan University Forum Series, Lincoln, NE.
 49. Widner, R.L., & Smith, S. M. (November, 1993). Imminence and familiarity in tip-of-the-tongue and feeling-of-knowing judgments. Paper presented at the meeting of the Psychonomic Society, Washington, D.C.
 50. Widner, R.L., & Smith, S. M. (May, 1994). Does lexical spread mediate the generation effect? Paper presented at the Midwestern Psychological Association, Chicago, IL.
 51. Widner, R.L., & Smith, S. M. (May, 1994). A perceptual enhancement explanation of generation effects. Paper presented at the Midwestern Psychological Association, Chicago, IL.
 52. Widner, R.L., & Smith, S. M. (May, 1994). How do subjects interpret an experimenter-provided definition of a feeling-of-knowing state? Paper presented at the Midwestern Psychological Association, Chicago, IL.
 53. Smith, S. M. (May, 1994). Everyday patterns of maladaptive cognition. Paper presented at the fourth annual Texas Area Cognition Conference (ARMADILLO), Trinity University, San Antonio, TX.
 54. Norris, M., Widner, R. L., Jr., & Smith, S. M. (November, 1994). The Effects of Age on Tip-of-the-Tongue Judgments. Presented at the Annual Meeting of the Gerontological Society of America, Atlanta, GA.
 55. Vaid, J., Widner, R. L., Jr., & Smith, S. M. (July, 1994). The Effect of Switching Languages on Tip-of-the-Tongue Resolution Rates. Presented at the Seventh Annual Meeting of the American Psychological Society, Washington D.C.
 56. Smith, S. M., & Tindell, D.R. (November, 1994). Transfer appropriate patterns of blocking. Paper presented at the meeting of the Psychonomic Society, St. Louis, MO.
 57. Smith, S. M. (April, 1995). Empirical Evidence of Memory Blocking and Recovery. Invited address, Department of Psychology, University of Texas, Austin, TX.
 58. Smith, S. M., Tindell, D.R. & Balfour, S.P. (May, 1995). Blocking, Tip-of-the-Tongue Reports, & Incubation in Word Retrieval. Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
 59. Widner, R. L., Jr., Smith, S. M., & Vaid, J. (May, 1995). The Effects of Context Changes on Retrieval Blocks. Presented at the Sixty-Seventh Annual Meeting of the

- Midwestern Psychological Association, Chicago, IL.
60. Widner, R. L., Jr., Smith, S. M., & Vaid, J. (May, 1995). Paraphrasing as a Means of Resolving TOT States. Paper presented at the Sixty-Seventh Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
 61. Widner, R. L., Jr., & Smith, S. M. (May, 1995). Generation Effects with Numbers: An Associative Spread Interpretation. Presented at the Sixty-Seventh Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
 62. Vaid, J., Widner, R. L., Jr., & Smith, S. M. (June, 1995). Paraphrasing Material Results in Increased Tip-of-the-Tongue Resolution Rates. Presented at the Eighth Annual Meeting of the American Psychological Science Meeting.
 63. Tindell, D.R., Wilkenfeld, M.J., Sifonis, C.M. & Smith, S. M. (May, 1995). Effects of Knowledge on Creativity in a Conceptual Combination task. Poster presented at the Creative Concepts Conference, College Station, TX.
 64. Smith, S. M., Tindell, D.R. & Balfour, S.P. (May, 1995). Memory Blocking, TOTs, & Incubation. Poster Presented at the Annual Meeting of the Psychonomic Society, Los Angeles, CA.
 65. Smith, S. M. (April, 1996). Issues in eyewitness memory. Invited address, Sigma Xi Interdisciplinary Research Forum on Contemporary Science and Technology Issues in Forensics, Texas A&M University, College Station, TX.
 66. Smith, S. M., Ward, T.B., Gleaves, D.H., Pierce, B.H., Sifonis, C.M., Tindell, D.R. & Wilkenfeld, M.J. (May, 1996). Category structure in created memories. Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
 67. Tindell, D.R. & Smith, S. M. (May, 1996). Blocking in word fragment completion: Automatic or intentional. Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
 68. Balfour, S.P., Cohen, A.L. & Smith, S. M. (May, 1996). A demonstration and computational model of overcoming interference effects with environmental contextual changes. Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
 69. Smith, S. M. (May, 1996). Undermining the unconscious activation theory of incubation and intuition. Paper presented at the Texas Area Conference on Cognition (ARMADILLO), Austin, TX.
 70. Sifonis, C.M., Smith, S. M., Ward, T.B., Tindell, D.R., & Wilkenfeld, M.J. (May, 1996).

- Category structure and priming in created memories. Poster presented at the Texas Area Conference on Cognition (ARMADILLO), Austin, TX.
71. Smith, S. M. & Ward, T.B. (September, 1996). The evolution of creativity. Paper presented at the Evolution of the Psyche Conference, Texas A&M University, College Station, TX.
 72. Gleaves, D.H., Smith, S. M., Pierce, B.F. & Williams, T.L. (November, 1996). Discriminating false and recovered memories in the laboratory. Poster presented at the 1996 meeting of the International Society for Traumatic Stress Studies.
 73. Smith, S. M., Ward, T.B., Sifonis, C.M., Tindell, D.R., Wilkenfeld, M.J. & Pierce, B. (November, 1996). Priming and category structure in created memories. Paper presented at the meeting of the Psychonomic Society, Chicago, IL.
 74. Smith, S. M., Gilliland, T.R., Tindell, D.R., & Pierce, B.H. (May, 1997). Directed forgetting and recognition failure in primed false cued recall. Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
 75. Smith, S. M., Gilliland, T.R., Tindell, D.R., & Pierce, B.H. (May, 1997). Recognizing your own false recall. Paper presented at the meeting of the Texas Area Conference on Cognition (ARMADILLO), Dallas, TX.
 76. Smith, S. M. (June, 1997). Incubation and recovery from mental blocks. Invited address at the International Conference on Neural Networks (ICNN'97), Houston, Texas, USA.
 77. Smith, S. M. (September, 1997). On created and recovered memories. Invited address, Department of Psychology, University of Wisconsin, Madison, WI.
 78. Smith, S. M. (September, 1997). Research in creative cognition. Invited address, Department of Educational Psychology, University of Wisconsin, Madison, WI.
 79. Smith, S. M. (October, 1997). On memory blocking. Invited address, Department of Psychology, Stanford University, Stanford, CA.
 80. Smith, S. M. (October, 1997). Source Monitoring Failures in False Memory. Invited address, Dept. of Psychology, NSC Program Series, Baylor University, Waco, TX.
 81. Smith, Steven M., Tindell, Deborah R., Pierce, Benton H., Gilliland, Todd R., Sifonis, Cynthia M., & Wilkenfeld, Merryl J. (November, 1997). Source memory failure in primed false recall. Presented at the meeting of the Psychonomic Society, Philadelphia, PA.
 82. Pierce, B. H., Tindell, D. R., Gilliland, T. R., Gerkens, D. P., & Smith, S. M. (May, 1998). Effects of source-monitoring instructions on episodic confusion errors. Poster

- presented at the meeting of the Texas Area Conference on Cognition (ARMADILLO), Houston, TX.
83. Levy, W.B., Smith, S. M., & Sifonis, C.M. (1998). Internally generated reminders and hippocampal recapitulations. Presented at the Twentieth Annual Meeting of the Cognitive Science Society, Madison, WI.
 84. Smith, S. M., Sifonis, C.M., & Tindell, D.R. (1998). Hints do not evoke solutions via passive spreading activation. Presented at the Twentieth Annual Meeting of the Cognitive Science Society, Madison, WI.
 85. Allen, C.F., Sifonis, C.M., & Smith, S. M. (1998). Tests of Remote Association. Presented at the 20th Annual Meeting of the Cognitive Science Society, Madison, WI.
 86. Smith, S. M., Gilliland, T.R., Gerkens, D.P., Pierce, B.H., and Tindell, D.R. (November, 1998). Dissociations of False Memory Measures: Cued Recall vs. Stem Completion. Presented at the annual convention of the Psychonomic Society, Dallas, TX.
 87. Smith, S. M., Pierce, B.H., Gilliland, T.R., & Gerkens, D.R. (April, 1999). Source Confusion and Misleading Implications in False Recall. Presented at the annual convention of the Midwestern Psychological Association, Chicago, IL.
 88. Smith, S. M. (July, 1999) Research in Creative Cognition. Invited address, Department of Psychology, Dartmouth College.
 89. Smith, S. M. (October, 1999) Plausibility in False Recall. Presented at the annual convention of ARMADILLO, Trinity University, San Antonio, TX.
 90. Smith, S. M., Gerkens, D.R., Sifonis, C.M., Wilkenfeld, M.J., Tindell, D.R., and Pierce, B.H. (November, 1999). Category and list structure in primed false recall. Presented at the annual convention of the Psychonomic Society, Los Angeles, CA.
 91. Smith, S. M. (June, 2000). Creativity in design. Presented at the Gordon Research Conference on Theoretical Foundations for Product Design and Manufacturing, Plymouth State College, Plymouth, NH.
 92. Pierce, B. H., Smith, S. M., & Bartlett, J. C. (April, 2000). Reversing age-related increases in tip-of-the-tongue states: The effect of novel stimuli. Poster presented at the Cognitive Aging Conference, Atlanta, GA.
 93. Smith, S. M. (2000, November). Did that really happen, or was it just a dream? Paper presented at the Annual Meeting of the Psychonomic Society, New Orleans, LA.
 94. Smith, S. M. & Choi, H. (2001, August). Incubation in Memory, Problem Solving, and

- Idea Generation: Autonomous Unconscious Processing vs. Contextually Influenced Restructuring. Presented at the Third International Conference on Memory, Valencia, Spain.
95. Smith, S. M., Choi, H., Gerkens, D.R., Pierce, B.H., and Flesch, M.H. (November, 2001). Clue Insensitivity in Memory Recovery. Presented at the annual meeting of the Psychonomic Society, Orlando, FL.
 96. Smith, S. M., Choi, H., Gerkens, D.R., and Pierce, B.H. (June, 2002). Incubation and Recovery from Tip-Of-the-Tongue States. Presented at the annual convention of the American Psychological Society, New Orleans, LA.
 97. Smith, S. M., & Gerkens, D.R. (October, 2002). Recovering memories from what? Presented at the annual meeting of ARMADILLO, Trinity University, San Antonio, Texas.
 98. Smith, S. M., Choi, H., Gerkens, D. R., & Hull, R. G. (November, 2002). Resolving memory blocks. Presented at the annual meeting of the Psychonomic Society, Kansas City, Missouri.
 99. Smith, S. M. (2003). Empirical Studies of Creative Cognition in Idea Generation. Invited speaker at the KTAG conference on creativity and innovation. Northwestern University, Evanston, IL.
 100. Bortfeld, H., Smith, S. M., Hull, R.M., & Ledlie, J. (June, 2003). Putting Conceptual Combination in Context. Presented at the Annual Meeting of the American Psychological Society, Atlanta, Georgia.
 101. Moynan, S. & Smith, S. M. (October, 2003). Forgetting emotional events. Poster presented at the annual meeting of ARMADILLO, College Station, Texas.
 102. Smith, S. M., Gerkens, D. R., Choi, H., & Hull, R. G. (November, 2003). Forgetting and recovery without inhibition. Poster presented at the annual meeting of the Psychonomic Society, Vancouver, B.C.
 103. Bortfeld, H., Smith, S. M., Hull, R. G., & Ledlie, J. (November, 2003). Conceptual combination in context. Poster presented at the annual meeting of the Psychonomic Society, Vancouver, B.C.
 104. Wilson, C. L., Simpson, J. A., & Smith, S. M. (January, 2004). Avoidance and False Memories of Attachment Word Lists: A Category Structure Approach. Presented at the annual conference for the Society of Personality and Social Psychology, Austin, Texas.
 105. Smith, S. M. (April, 2004). The science of creative cognition. Invited address, British Psychological Society, Imperial College, London, UK.

106. Smith, S. M. (April, 2004). Clue insensitivity in memory and problem solving. Invited Symposium speaker, British Psychological Society, Imperial College, London, England.
107. Smith, S. M. (April, 2004). Context-dependent memory, Invited address, Keele University, Keele, England.
108. Smith, S. M. (April, 2004). Blocked and recovered memories. Invited address, University of Hertfordshire, Hatfield, England.
109. Bortfeld, H., Sappington, R., Smith, S. M., & Hull, R. M. (August, 2004). Sense retention in conceptual combination. Poster presented at the Annual Convention of the Cognitive Science Society, Chicago, IL.
110. Smith, S. M., & Moynan, S. C. (November, 2004). Forgetting lists of *\$%#! words. Presented at the annual meeting of the Psychonomic Society, Minneapolis, MN.
111. Barnhardt, T. M., Choi, H., Gerkens, D. R., Corbisier, B., & Smith, S. M. (November, 2004). Output position for veridical and false memories for words. Presented at the annual meeting of the Psychonomic Society, Minneapolis, MN.
112. Smith, S. M. (September, 2005). Context-dependent memory. Invited address, Science of Memory conference, Palisades, New York, NY.
113. Smith, S. M. (September, 2005). Research in creative cognition. Invited address, Cognitive Forum, University of California, Los Angeles, CA.
114. Kerne, A., Smith, S. M., Choi, H., Graeber, R., Caruso, D. (2005). Evaluating Navigational Surrogate Formats with Divergent Browsing Tasks, Presented at Proceedings of the ACM CHI, Portland, OR.
115. Smith, S. M. (April, 2006). The neuroscience of creative cognition. Invited address, Center for the Biology of Creativity and the Tennenbaum Family Creativity Initiative at UCLA, Los Angeles, CA.
116. Storm, B. C., Smith, S. M., Bjork, E. L., & Bjork, R. A. (May, 2006). The Effects of delay and context on retrieval-induced forgetting. Presented at the Annual Meeting of the Western Psychological Association, Palm Springs, CA.
117. Kerne, A., Koh, E., Choi, H., Dworaczyk, B., Smith, S. M., Hill, R., Albea, J. (2006). Supporting Creative Learning Experience with Compositions of Image and Text Surrogates. Presented at the Annual Meeting of the Association for the Advancement for Computers in Education, Orlando, FL.
118. Kerne, A., Koh, E., Dworaczyk, B., Mistrot, J.M., Choi, H., Smith, S. M., Graeber, R.,

- Caruso, D., Webb, A., Hill, R., Albea, J., (2006). A Mixed-Initiative System for Representing Collections as Compositions of Image and Text Surrogates. Presented at the Joint ACM/IEEE Conference on Digital Libraries, Chapel Hill, NC.
119. Hill, R., Koh, E., & Smith, S. M. (2006). "CombinFormation" and the Future of Knowledge Creation. Presented to the Annual Meeting of the World Future Society, Toronto, ON, Canada.
120. Smith, S. M. (May, 2006). Alignment of Research on Creative Cognition Across Levels of Complexity and Ecological Validity. Invited address, NSF Workshop on the Science of Discovery and Innovation, Washington, D.C.
121. Smith, S. M. (September, 2006). How Creative Cognition Can Be Studied. Invited address, Department of Psychology, University of Texas, Austin, TX.
122. Smith, S. M., Manzano, I., Williams, J., & Kohn, N. (November, 2006). Recovering Experimentally Blocked Memories: Effects of Context Cues & Recall Instructions. Presented at the annual meeting of the Psychonomic Society, Houston, TX.
123. Smith, S. M. (November, 2006). Creativity & Innovation in Expertise: The Role of Context. Invited address, NSF Workshop on the Multidisciplinary Perspectives on Transfer, Expertise, and Innovation, Washington, D.C.
124. Smith, S. M., Kerne, A., & Koh, E. (December, 2006). Promoting Emergent Combinations in Information Discovery. Invited address, NSF & IC² Workshop on Tools for Innovation, Austin, TX.
125. Smith S. M., & Barnhardt, T. (June, 2007). Output position in true & false memories: cognitive triage in the recall of presented and nonpresented critical words. Presented at the annual meeting of the Association for Psychological Science (APS), Washington, D.C.
126. Smith S. M., & Manzano, I. (October, 2007). Movie mediated memory. Presented at the annual meeting of ARMADILLO, Trinity University, San Antonio, Texas.
127. Smith, S. M. (October, 2007). Invisible assumptions and the unintentional use of knowledge & experiences in creative cognition. Invited address, Thirteenth Annual Lewis & Clark Business Law Forum: Nonobviousness – The Shape of Things to Come, Lewis & Clark Law School, Portland, Oregon.
128. Smith, S. M. (October, 2007). Principles and paradoxes of the creative mind. Keynote address at the Annual Symposium on the built and virtual environment, College of Architecture, Texas A&M University, College Station, Texas.
129. Smith, S. M. (November, 2007). Context fluctuation and time-dependent memory

- phenomena. Presented at the annual convention of the Psychonomic Society, Long Beach, CA.
130. Smith, S. M. (March, 2008). What you see is what you get: Effects of provocative stimuli in creative invention. Invited address, National Science Foundation Workshop on Creative Engineering Design, University of Provence, Aix-en-Provence, France.
 131. Smith, S. M. (July, 2008). The science of creative cognition. Invited address, International Centre for Innovation in Education, Paris, France.
 132. Smith, S. M. (August, 2008). Human Cognition: Illusions, Decisions, & Procedures, Invited address, United States Patent & Trademark Office and the Patent Public Advisory Committee, Washington, D. C.
 133. Smith, S. M. (October, 2008). Nonobviousness in U.S. Patent Law, Presented at the annual meeting of ARMADILLO, University of Texas-El Paso, El Paso, Texas.
 134. Smith, S. M. (January, 2009). Blocking Out Blocks: Adaptive Forgetting of Fixation in Memory, Problem Solving, and Creative Ideation. Invited address, Successful Remembering and Successful Forgetting: A Festschrift in Honor of Robert A. Bjork, UCLA, Los Angeles, CA.
 135. Shah, J. J., Smith, S. M., and Woodward, J. (August, 2009). Development of standardized tests for design skills. International Conference on Engineering Design (ICED), Stanford University, Stanford, CA.
 136. Smith, S. M., & Manzano, I. (October, 2009). Effects of Context Similarity on Contextual Cuing. Presented at ARMADILLO, Rice University, Houston, TX.
 137. Shahabuddin, S., & Smith, S. M. (October, 2009). Context-Dependent Recognition Memory. Presented at ARMADILLO, Rice University, Houston, TX.
 138. Smith, S. M., & Manzano, I. (November, 2009). Effects of Context Similarity on Contextual Cuing. Presented at the 50th Meeting of the Psychonomic Society, Boston, MA.
 139. Smith, S. M. (February, 2010). The benefits and costs of implicit knowledge. Invited address, NSF Workshop for Engineered Systems Design, Washington, D.C.
 140. Rameson, L., Smith, S. M., & Mulvanna, C. M. (2010). Strategies to Enhance Creativity: Novel Idea Generation and the Creative Combination Process. Presented at the annual meeting of the Society for Personality and Social Psychology, Las Vegas, Nevada.
 141. Smith, S. M., & Linsey, J. (April, 2010). A three-pronged approach for overcoming

- design fixation. Invited address, International Symposium on Creative Design Processes: Fixation or Inspiration? The Role of Internal and External Sources on Idea Generation. Delft University of Technology, Delft, The Netherlands.
142. Smith, S. M., Handy, J., & Angello, G. (November, 2010). Video context-dependent memory for Swahili-English word pairs. Presented at the meeting of the Psychonomic Society, St. Louis, MO.
143. Hays, M. J., Smith, S. M., Wilson, P. D., & Lansky, C. A. (November, 2010). Imaginal preinstatement of test context during study improves recall. Presented at the meeting of the Psychonomic Society, St. Louis, MO.
144. Miller, T. M., Geraci, L., Smith, S. M., & Antony, A. (November, 2010). Study time is influenced by students' understanding of probability information. Presented at the meeting of the Psychonomic Society, St. Louis, MO.
145. Smith, S. M., Linsey, J., & Kerne, A. (December, 2010). Using evolved analogies to overcome creative design fixation. Invited address, 1st International Conference on Design Creativity (ICDC 2010), Kobe, Japan.
146. Handy, J., & Smith, S. M. (October, 2011). Forgotten but not gone: Recovering memories of stories. Presented at the meeting of ARMADILLO, Commerce, TX.
147. Nichols, J. H., & Smith, S. M. (October, 2011). Inflating judgments of learning with video context reinstatement. Presented at the meeting of ARMADILLO, Commerce, TX.
148. Angello, G., & Smith, S. M. (October, 2011). Are mental blocks forgotten during creative problem solving due to inhibitory control? Presented at the meeting of ARMADILLO, Commerce, TX.
149. Handy, J., Angello, G., Nichols, J. H., & Smith, S. M. (November, 2011). Forgotten but not gone: Recovering memories of stories. Presented at the meeting of the Psychonomic Society, Seattle, WA.
150. Nichols, J. H., & Smith, S. M. (November, 2011). Inflating judgments of learning with video context reinstatement. Presented at the meeting of the Psychonomic Society, Seattle, WA.
151. Angello, G., Storm, B. C., Bjork, E. L., Smith, S. M., & Yamauchi, T. (November, 2011). Are mental blocks forgotten during creative problem solving due to inhibitory control? Presented at the meeting of the Psychonomic Society, Seattle, WA.
152. Smith, S. M. (May, 2012). Mechanisms of creative cognition: Theory and research *Keynote Address* at the *International Conference for Computational Creativity (ICCC)*,

Dublin, Ireland.

153. Smith, S. M. (June, 2012). Design fixation: Effects of examples on creative ideation. *Keynote Address* at the International Conference for *Design, Computation and Cognition* (DCC'12), College Station, Texas.
154. Smith, S. M. (September, 2012). Design fixation: Experimental cognitive studies of creative ideation. *Keynote Address* for the International "Bienal" (Biennial) Conference on Design, Internacional Tadeista de Diseño Industrial, Bogotá, Colombia.
155. Smith, S. M. (September, 2012). Conceptual knowledge in creative design. Invited address, *Student Conference* for the International "Bienal" (Biennial) Conference on Design, Internacional Tadeista de Diseño Industrial, Bogotá, Colombia.
156. Smith, S. M. (September, 2012). Aids to creative design. Invited address, *Student Address* for the International "Bienal" (Biennial) Conference on Design, Internacional Tadeista de Diseño Industrial, Bogotá, Colombia.
157. Smith, S. M. (September, 2012). Design exercises. Invited address, *Student Workshop* for the International "Bienal" (Biennial) Conference on Design, Internacional Tadeista de Diseño Industrial, Bogotá, Colombia.
158. Smith, S. M. (September, 2012). Design metrics. Invited address, *Faculty Workshop* for the International "Bienal" (Biennial) Conference on Design, Internacional Tadeista de Diseño Industrial, Bogotá, Colombia.
159. Smith, S. M., Handy, J. D., Nichols, J. H., & Angello, G. (October, 2012). Contextually-enhanced learning. Presented at the annual meeting of ARMADILLO, Texas A&M International University, Laredo, TX.
160. Smith, S. M., Handy, J. D., Nichols, J. H., & Angello, G. (November, 2012). Training wheels and desirable difficulties: Effects of contextual constancy & variation on acquisition & retention. Presented at the annual meeting of the Psychonomic Society, Minneapolis, MN.
161. Smith, S. M., & Nichols, J. H. (November, 2012). Contextually-inflated judgments of learning. Presented at the meeting of the International Association for Metacognition, Minneapolis, MN.
162. Smith, S. M. (December, 2012). Eyewitness identification. Invited address at the meeting of the Texas Criminal Defense Lawyer's Association (TCDLA), Houston, TX.
163. Smith, S. M. (May, 2013). Using digital contexts to increase the duration & efficacy of study time. Invited address, presented at the annual meeting of the Midwestern

Psychological Association, Chicago, IL.

164. Cagan, Dinar, Shah J, Leifer, Linsey, Smith, & Hernandez (August, 2013). Empirical studies of design thinking: Past, present, future, ASME Design Theory & Methods Conference, Portland, Aug 2013. Paper#13302.
165. Smith, S. M., Handy, J. D., & Angello, G. (November, 2013). Decontextualization of new knowledge. Presented at the annual meeting of the Psychonomic Society, Toronto, CA.
166. Angello, G., Storm, B. C., & Smith, S. M. (November, 2013). Alleviating fixation with suppression-induced forgetting of blockers. Presented at the annual meeting of the Psychonomic Society, Toronto, CA.
167. Smith, S.M. (January, 2014). Mechanisms of Creative Cognition. Invited address, University of Illinois-Chicago, Chicago, IL.
168. Smith, S. M. (July, 2014). Eyewitness Identification: How Bad Is Our Memory. Invited address at the Mental Health Seminar: A Program For The Defense, The Center for American and International Law, Plano, TX.
169. Smith, S. M. (September, 2014). The crutch of contextual-dependency. Invited address, presented at the Cognitive Seminar, Washington University Department of Psychology.
170. Smith, S. M. (October, 2014). The crutch of contextual-dependency. Invited address, presented at the Cognitive Seminar, University of Missouri Department of Psychology.
171. Handy, J. D., & Smith, S. M. (November, 2014). Dropout-Induced Forgetting and Recovery of Autobiographical Memories. Presented at the annual meeting of the Psychonomic Society, Long Beach, CA.
172. Angello, G., Smith, S. M., & Storm, B. (November, 2014). Does impossible retrieval practice support divergent thinking? Presented at the annual meeting of the Psychonomic Society, Long Beach, CA.
173. Smith, S.M. (September, 2015). Cognitive Mechanisms in Creative Design, Keynote Address at the International Meeting of Creación: Developing Pedagogical Models for Interdisciplinary Creation and Research Processes, Bogota, Colombia.
174. Smith, S.M. (September, 2015). Interdisciplinary Research on the Creative Mind, Invited address, Workshop at the International Meeting of Creación: Developing Pedagogical Models for Interdisciplinary Creation and Research Processes, Bogota, Colombia.
175. Smith, S.M., & Hernandez, A. (October, 2015). Contextually cued automatic retrieval. Presented at the annual meeting of ARMADILLO, Baylor University, Waco, TX.

176. Smith, S.M., Handy, J.D., & Jacoby, L. (November, 2015). Contextually cued involuntary retrieval. Presented at the annual meeting of the Psychonomic Society, Chicago, IL.
177. Smith, S.M., & Hernandez, A. (October, 2016). Contextually cued automatic retrieval. Presented at ARMADILLO, University of Texas-El Paso, El Paso, TX.
178. Smith, S.M., Handy, J.D., Hernandez, A., & Jacoby, L. (November, 2016). Is automatic retrieval context-dependent? Presented at the annual meeting of the Psychonomic Society, Boston, MA.
179. Hernandez, A., & Smith, S.M. (November, 2016). A conceptually-driven oppositional indirect memory test. Presented at the annual meeting of the Psychonomic Society, Boston, MA.
180. Beda, Z., & Smith, S. M. (2017). Retrieval-induced fixation. Presented at the annual meeting of ARMADILLO, Texas A&M University, College Station, TX.
181. Smith, S.M., & Beda, Z. (November, 2017). Context-dependent fixation. Presented at the annual meeting of the Psychonomic Society, Vancouver, Canada.
182. Smith, S. M. (December, 2017). Cognitive mechanisms in creative thinking. Invited Address, MIE Speaker Series, University of Toronto, Toronto, Canada.
183. Smith, S. M., & Beda, Z. (2018). Old problems in new contexts: Liberation from context-dependent fixation, Presented at the annual meeting of the Association for Psychological Science, San Francisco, CA.
184. Smith, S. M., Hernandez, A., & Beda, Z. (2018). Automatic and intentional retrieval of blockers in word fragment completion. Presented at the annual meeting of ARMADILLO, Rice University, Houston, TX.
185. Smith, S. M., Hernandez, A., & Beda, Z. (2018). Fixation effects: Automatic vs. controlled retrieval of red herrings. Presented at the annual meeting of the Psychonomic Society, New Orleans, LA.
186. Beda, Z., & Smith, S. M. (2018). How do red herrings moderate fixation in problem solving? Presented at the annual meeting of the Psychonomic Society, New Orleans, LA.
187. Beda, Z., Orr, J., & Smith, S. M. (2019). Getting rid of those red herrings: Suppression of intruding pre-potent answers during the creative process. Presented at the annual meeting of the Society for the Neuroscience of Creativity, San Francisco, CA.
188. Smith, S. M., and Beda, Z. (2019). Why you need quirks to show how it works. Presented at the annual meeting of the Psychonomic Society, Symposium on memory quirks,

Montreal, CA.

189. Smith, S. M., Beda, Z., and Orr, J. M. (2019). Phenomenological consequences of resolving laboratory induced mental fixation. Presented at the annual meeting of the Psychonomic Society, Montreal, CA.

190. Smith, S. M. (2020) Introduction to Emerging Research on Creative Cognition and Neuroscience of Insight, Symposium (Organizer and Speaker). Presented at the annual meeting of the Psychonomic Society (virtual meeting).

Grants:

Effects of contextual and temporal variability in the instruction of a minicourse. Consultant for Bell Laboratories, Learning and Instruction Research Department with Ernst Rothkopf, 1980-1982.

National Institute of Mental Health, *Contextual Activation of Event Memory* (Grant No. 1 R01 MH39977-01), September, 1985-May, 1987.

National Institute of Mental Health, *Inducing and Reducing Cognitive Fixation* (Grant No. 1 R01 MH447030), September, 1989- May, 1993).

American Psychological Association Scientific Conferences Program, *Conceptual Structures and Processes: Emergence, Discovery, and Change* (with Thomas Ward and Jyotsna Vaid, 1996).

National Science Foundation (PI), Engineering Education & Centers (EEC) Division of Design, Manufacture, & Industrial Innovation (DMII), (with Jami Shah, Arizona State University), *Development and validation of design ideation models for conceptual engineering design.* (2002-2006).

National Science Foundation SGER: *Extending Working Memory Functions by Presenting Bookmark and Result Sets as Temporal Visual Compositions* (Co-PI, with A. Kerne – PI, TAMU Computer Science). (2005-2006).

Texas A&M University Faculty Development Leave Program: Scholar in Residence, Department of Psychology, UCLA (2005-2006).

National Science Foundation Major Research Instrumentation (MRI) Program: *Development of Spatially Immersive Visualization Facilities*, under the direction of Frederic I. Parke - PI, with Co-PI's Donald H. House, Peter F. Stiller, Samuel D. Brody, & Steven M. Smith (2005-2008).

National Science Foundation; *Promoting Information Discovery in Learning: Mixed-Initiative Composition of Hybrid Image-Text Surrogates*, PI Andruid Kerne - Computer Science, Steven

M. Smith - Technology and Society, Project 3660C CS (2006-2008).

National Science Foundation (DMII); *Identification, Characterization & Measurement of Design Skills & Designer Profiles*, Co-PI, Jami Shah - PI, Arizona State University (2007-2012).

National Science Foundation (IIS); *EAGER: Creativity in the Wild: Insight and Discovery with Wearable Sensors*, Co-PI, with PI Frank Shipman and Co-PI Ricardo Gutierrez-Osuna (Grant No. IIS-1049217, 2010-2013).

Texas A&M University Program to Enhance Scholarly and Creative Activities: *Nurturing Creativity in Children's Storytelling through Digital Enactment*, Co-PI with Francis Quek, Lynn Burlbaw, \$25,000.

Texas A&M University T3 Grant. PI, with Co-PIs Joseph Orr and Thomas Ferris: *Neurocognitive Mechanisms of Mental Blocks*, \$30,000.

Miscellaneous:

Distinguished Teaching Award (1997), Presented by the Texas A&M University Association of Former Students and the College of Liberal Arts.

Texas A&M University IRB Member since 2012

Associate Editor: Design Science

Editorial Boards: Journal of Creative Behavior, International Journal of Design Creativity and Innovation

Program Committee for International Interdisciplinary Conferences:

- Design Computation and Cognition (DCC)
- International Conference on Design Creativity (ICDC)
- International Conference on Computational Creativity (ICCC)
- ACM Creativity & Cognition
- ASME International Design Engineering Technical Conferences (IDETC)
- Cognitive Science (CogSci)

Ad Hoc Reviewer:

- Acta Psychologica*
- Advances in Cognitive Psychology*
- American Journal of Psychology*
- Cognition*
- Cognition and Emotion*
- Design Science*
- Frontiers in Psychology, section Cognition*

International Journal of Design Creativity and Innovation
Journal of Abnormal Psychology
Journal of Engineering Design
Journal of Experimental Psychology: Learning, Memory & Cognition
Journal of Experimental Psychology: General
Journal of Memory and Language
Memory
Memory and Cognition
National Science Foundation
Organizational Behavior and Human Decision Processes
Quarterly Journal of Experimental Psychology
PLOS ONE
Psicologica
Psychological Bulletin
Psychonomic Bulletin and Review
Psychological Review
Psychological Science
Psychology and Aging
Teaching of Psychology

Coordinator of 2nd, 6th, 11th, 20th, and 25th annual Texas Cognition Conferences (ARMADILLO), College Station, TX

Co-coordinator of the Creative Concepts Conference (APA Scientific Conference), May, 1995, College Station, TX

Adjunct Professor & Visiting Lecturer at Southwest China Normal University, Chongqing, China

Expert Witness on Eyewitness Memory Cases (Brief Listing of Cases)

United States vs. Jose Luis Aviles-Luna, Cr. No. H-04-066

Asst. Federal Public Defender Michael L. Herman, Southern District of TX

United States vs. Robert N. Angleton, Cr. No. H-2-0040

Defense Atty. Michael Ramsey, 176th District Court, Harris County, Texas

United States vs. Juan Oliva-Reyes, Cr. No. M-07-1127

Asst. Federal Public Defender Kyle Welch, Southern District of Texas

State of Texas vs. McKinley Thomas, Cause No. 1063389

Defense Atty. Randy Ayers, 185th District Court, Harris County, Texas

State of Texas vs. Bryan Lee Zimmerman

Defense Atty. Craig Jett, 816th District Court, Collin County, Texas

State of Texas vs. Edward Lee II, Cause No. 09-07-07112-CR

Defense Atty. Lawrence McCotter, 9th Judicial District, Montgomery County, TX

State of Texas vs. Herman D. Greer, Cause No. 1332324/5

Defense Atty. Brett Podolsky, 185th District Court, Harris County, Texas

State of Texas vs. Anthony Coleman, Cause No. 1253616

Defense Atty. Stanley Schneider, 180th District Court, Harris County, Texas
State of Texas vs. Gareic Hankston, Cause No. 1326559

Defense Atty. Brent Mayr, 178th District Court, Harris County, Texas
State of Texas vs. George T. Curry, Cause No. 1223596

Defense Atty. Douglas Durham, 209th District Court, Harris County, Texas
State of Texas vs. Deshaun Jackson, Cause No. 1434297,

Defense Atty. Paul Morgan, 183rd District Court, Harris County, Texas
State of Nevada vs. Keandre Valentine, Case No. C-16-316081-1

Defense Atty. Tyler Gaston, 8th Judicial District Court, Clark County, Nevada