

Mara Mather
Curriculum Vitae
August, 2015

Employment

2011-present	Professor of Gerontology and Psychology, University of Southern California
2008-2011	Associate Professor of Gerontology and Psychology, University of Southern California
2004-2007	Associate Professor of Psychology, University of California, Santa Cruz
2001-2004	Assistant Professor of Psychology, University of California, Santa Cruz
2000	Postdoctoral Fellow, Psychology Department, Stanford University
1994-1995	Research Assistant, Memory Disorders Research Center, Boston VA Medical Center and Boston University

Education

2000	Princeton University; Ph.D. in Cognitive Psychology
1994	Stanford University; A.B. in Psychology, with distinction and honors

Awards

2014-2015	Alexander von Humboldt Foundation Research Fellowship for sabbatical year at the Max Planck Institute for Human Development, Berlin, Germany
2010	American Psychological Association Award for Distinguished Scientific Early Career Contributions to Psychology
2009-2014	National Institutes on Health K02 Career Development Award
2009	Dean's Outstanding Faculty Award for Exceptional Service, USC Davis School of Gerontology
2007	Richard Kalish Innovative Publication Award from the Gerontological Society of America (for Mather & Knight, 2005)
2007	Excellence in Teaching Award from the UC Santa Cruz Committee on Teaching
2005	Springer Early Career Achievement Award in Research on Adult Development and Aging
2004	Scholar, Summer Institute on Emotion and Choice, Center for Advanced Study in Behavioral Science
2001	Margret M. Baltes Dissertation Award
1998	American Psychological Association Dissertation Research Award
1997-1999	Princeton Wilson Fellowship awarded by the Princeton Society of Fellows of the Woodrow Wilson Foundation
1997	Fellow, McDonnell Summer Institute in Cognitive Neuroscience
1995	Princeton Psychology Department First-Year Merit Prize
1995-2000	National Science Foundation Graduate Fellowship

Awards

1991 Stanford President's Award for Academic Excellence

Grants

2015-2017 Principal Investigator, "Effect of Estrogen on Working Memory During Stress," National Institute on Aging AG046464, Total \$453,125

2014-2016 Principal Investigator, "Stereotype Threat in Older Adults," National Institute on Aging AG046464, Total \$493,500

2011-2016 Principal Investigator, "Aging and Emotional Memory," National Institute on Aging AG025340, Total \$1,684,759

2010-2015 Principal Investigator, "The Effects of Stress on Neural Processing of Reward and Risk," National Institute on Aging R01AG038043, Total \$1,660,500

2009-2014 K02 Career Development Award, "Brain Mechanisms of Emotion-Cognition Interactions in Aging," National Institute on Aging K02 AG032309, Total \$540,000

2007-2010 Principal Investigator, "The Effects of Stress on Reward Learning Among Younger and Older Adults," National Institute on Aging Neuroeconomics of Aging R21AG030758, Total \$465,158

2004-2009 Principal Investigator, "The Impact of Emotion Regulation on Cognition in Aging," National Institute on Aging R01 AG025340, Total \$955,581

2001-2004 Principal Investigator, "Remembering Choices," National Science Foundation #0112284, Total \$211,139

2001-2005 Co-Investigator, "Disutility of Functional Limitations in the Elderly," National Institute on Aging R01 AG15110. PI: Mary Goldstein

2000-2001 "Remembering Decisions," Stanford Center on the Demography and Economics of Health and Aging

Journal Articles

1. Hirst, W., Phelps, E. A., Meksin, R., Vaidya, C. J., Johnson, M. K., Mitchell, K. J., Buckner, R. L., Budson, A. E., Gabrieli, J. D. E., Lustig, C., Mather, M., Ochsner, K. N., Schacter, D., Simons, J. S., Lyle, K. B., Cuc, A. F., Olsson, A. (in press). A ten-year follow-up of a study of memory for the attack of September 11, 2001: Flashbulb memories and memories for flashbulb events. *Journal of Experimental Psychology: General*.
2. Martins, B., Ponzio, A., Velasco, R., Kaplan, J., & Mather, M. (in press). Dedifferentiation of emotion regulation strategies in the aging brain. *Social Cognitive and Affective Neuroscience*.
3. Mather, M. (in press). The affective neuroscience of aging. *Annual Review of Psychology*, 17.
4. Mather, M., Clewett, D., Sakaki, M., & Harley, C. W. (in press). Norepinephrine ignites local hot spots of neuronal excitation: How arousal amplifies selectivity in perception and memory. *Behavioral and Brain Sciences*.

5. Lee, T. H., Greening, S. G., & Mather, M. (2015). Encoding of goal-relevant stimuli is strengthened by emotional arousal in memory. *Frontiers in Psychology*, 6:1173.
6. Sutherland, M.R., & Mather, M. (2015). Negative arousal increases the effects of stimulus salience in older adults. *Experimental Aging Research*, 41, 259-271.
7. Herrera, A.Y., & Mather, M. (2015). Actions and interactions of estradiol and glucocorticoids in cognition and the brain: Implications for aging women. *Neuroscience & Biobehavioral Reviews*.
8. Nielsen, S.E., & Mather, M. (2015). Comparison of two isometric handgrip protocols on sympathetic arousal in women. *Physiology and Behavior*, 142, 5-13.
9. Barber, S., & Mather, M. (2014). How retellings shape younger and older adults' memories. *Journal of Cognitive Psychology*, 26, 263-279.
10. Braver, T. S., Krug, M. K., Chiew, K. S., Kool, W., Westbrook, J. A., Clement, N. J., Adcock, R. A., Barch, D. M., Botvinick, M. M., Carver, C. S., Cools, R., Custers, R., Dickinson, A. R., Dweck, C. S., Fishbach, A., Gollwitzer, P. M., Hess, T. M., Isaacowitz, D. M., Mather, M., Murayama, K., Pessoa, L., Samanez-Larkin, G. R., Somerville, L. H. (2014). Mechanisms of motivation-cognition interaction: Challenges and opportunities. *Cognitive, Affective, and Behavioral Neuroscience*, 14, 443-472.
11. Clewett, D., Bachman, S., & Mather, M. (2014). Age-related reduced prefrontal-amygdala structural connectivity is associated with lower trait anxiety. *Neuropsychology*, 28, 631-642.
12. Clewett, D., Luo, S., Hsu, E., Ainslie, G., Mather, M., & Monterosso, J. (2014). Increased functional coupling between the left fronto-parietal network and anterior insula predicts steeper delay discounting in smokers. *Human Brain Mapping*, 35, 3774-3787.
13. Clewett, D. V., & Mather, M. (2014). Not all that glittered is gold: Neural mechanisms that determine when reward will enhance or impair memory. *Frontiers in Neuroscience*, 8: 194.
14. Clewett, D., Schoeke, A., & Mather, M. (2014). Locus coeruleus neuromodulation of memories encoded during negative or unexpected action outcomes. *Neurobiology of Learning and Memory*, 111, 65-70.
15. Dolcos, F., Wang, L., & Mather, M. (2014). On opposing effects of emotion on cognition: Current research and emerging directions. *Frontiers Integrative Neuroscience*, 8, 83.
16. Greening, S. G., Lee, T. H., Mather, M. (2014). A dual process for the cognitive control of emotional significance: Implications for emotion regulation and disorders of emotion. *Frontiers in Human Neuroscience*, 8: 253.
17. Lee, T. H., Baek, J., Lu, Z.L., & Mather, M. (2014). How arousal modulates the visual contrast sensitivity function. *Emotion*, 14, 978-984.
18. Lee, T. H., Sakaki, M., Cheng, R., Velasco, R., & Mather, M. (2014). Emotional arousal amplifies the effects of biased competition in the brain. *Social Cognitive and Affective Neuroscience*, 9, 2067-2077.
19. Ponzio, A. R., & Mather, M. (2014). Hearing something emotional influences memory for what was just seen: How arousal amplifies effects of competition in memory consolidation. *Emotion*, 14, 1137-1142.
20. Sakaki, M., Fryer, K., & Mather, M. (2014). Emotion strengthens high priority memory traces but weakens low priority memory traces. *Psychological Science*, 25, 387-395.

21. Sakaki, M., Kuhbandner, C., Mather, M., & Pekrun, R. (2014). Memory suppression can help people "unlearn" behavioral responses -- but only for non-emotional memories. *Psychonomic Bulletin & Review*, *21*, 136-141.
22. Sakaki, M., Ycaza-Herrera, A. E., & Mather, M. (2014). Association learning for emotional harbinger cues: When do previous emotional associations impair and when do they facilitate subsequent learning of new associations? *Emotion*, *14*, 115-129.
23. Barber, S. J., & Mather, M. (2013). Stereotype threat can both enhance and impair older adults' memory. *Psychological Science*, *24*, 2522-2529.
24. Barber, S. J., & Mather, M. (2013). Stereotype threat can reduce older adults' memory errors. *Quarterly Journal of Experimental Psychology*, *66*, 1888-1895.
25. Clewett, D., Schoeke, A., & Mather, M. (2013). Amygdala functional connectivity is reduced after the cold pressor task. *Cognitive, Affective, and Behavioral Neuroscience*, *13*, 501-518.
26. Gorlick, M. A., Giguere, G., Glass, B. D., Nix, B. N., Mather, M., & Maddox, W. T. (2013). Attenuating age-related learning deficits: Emotional valenced feedback interacts with task complexity. *Psychology and Aging*, *13*, 250-261.
27. Knight, M., & Mather, M. (2013). Look out--it's your off-peak time of day! Time of day matters more for alerting than for orienting or executive attention. *Experimental Aging Research*, *39*, 305-321.
28. Lighthall, N. R., Gorlick, M. A., Schoeke, A., Frank, M. J., & Mather, M. (2013). Stress modulates reinforcement learning in younger and older adults. *Psychology and Aging*, *28*, 35-46.
29. Mather, M., Cacioppo, J. T., & Kanwisher, N. (2013). Introduction to the special section: 20 years of fMRI—What has it done for understanding cognition? *Perspectives on Psychological Science*, *8*, 41-43.
30. Mather, M., Cacioppo, J. T., & Kanwisher, N. (2013). How fMRI can inform cognitive theories. *Perspectives on Psychological Science*, *8*, 108-113.
31. Mather, M., & Nga, L. (2013). Age differences in thalamic low frequency fluctuations. *NeuroReport*, *24*, 349-353.
32. Nashiro, K., Sakaki, M., Huffman, D., & Mather, M. (2013). Both younger and older adults have difficulty updating emotional memories. *Journal of Gerontology: Psychological Sciences*, *68*, 224-227.
33. Nashiro, K., Sakaki, M., Nga, L., & Mather, M. (2013). Age-related similarities and differences in brain activity underlying reversal learning. *Frontiers in Integrative Neuroscience*, *7*:37.
34. Sakaki, M., Nga, L., & Mather, M. (2013). Amygdala functional connectivity with medial prefrontal cortex at rest predicts the positivity effect in older adults. *Journal of Cognitive Neuroscience*, *25*, 1206-1224.
35. Barber, S. J., & Mather, M. (2012). Forgetting in context: The effects of age, emotion, and social factors on retrieval-induced forgetting. *Memory & Cognition*, *40*, 874-888.
36. Lee, T.H., Itti, L., & Mather, M. (2012). Evidence for arousal-biased competition in perceptual learning. *Frontiers in Emotion Science*, *3*:241.

37. Lighthall, N. R., Sakaki, M., Vasunilashorn, S., Nga, L., Somayajula, S., Chen, E. Y., Samii, N., & Mather, M. (2012). Gender differences in reward-related decision processing under stress. *Social Cognitive and Affective Neuroscience*, *7*, 476-484.
38. Mather, M. (2012). The emotion paradox in the aging brain. *Annals of the New York Academy of Sciences*, *1251*, 33-49.
39. Mather, M., & Lighthall, N. R. (2012). Risk and reward are treated differently in decisions made under stress. *Current Directions in Psychological Science*, *21*, 36-41.
40. Mather, M., Mazar, N., Gorlick, M. A., Lighthall, N. R., Burgeno, J., Schoeke, A. & Ariely, D. (2012). Risk preferences and aging: The "Certainty Effect" in older adults' decision making. *Psychology and Aging*, *27*, 801-816.
41. Mather, M., & Sutherland, M. (2012). The selective effects of emotional arousal on memory. *Psychological Science Agenda*, *26*, 2.
42. Nashiro, K., Sakaki, M., & Mather, M. (2012). Age differences in brain activity during emotion processing: Reflections of age-related decline or increased emotion regulation? *Gerontology*, *58*, 156-163.
43. Nashiro, K., Sakaki, M., Nga, L., & Mather, M. (2012). Differential brain activity during emotional vs. non-emotional reversal learning. *Journal of Cognitive Neuroscience*, *24*, 1794-1805.
44. Sakaki, M., & Mather, M. (2012). How reward and emotional stimuli induce different reactions across the menstrual cycle. *Social and Personality Psychology Compass*, *6*, 1-17.
45. Sakaki, M., Niki, K. & Mather, M. (2012). Beyond arousal and valence: The importance of the biological versus social relevance of emotional stimuli. *Cognitive, Affective, & Behavioral Neuroscience*, *12*, 115-139.
46. Sutherland, M. R., & Mather, M. (2012). Negative arousal amplifies the effects of saliency in short-term memory. *Emotion*, *12*, 1367-1372.
47. Feng, M. C., Courtney, C. G., Mather, M., Dawson, M. E., & Davison, G. C. (2011). Age-related affective modulation of the startle eyeblink response: Older adults startle most when viewing positive pictures. *Psychology and Aging*, *26*, 752-760.
48. Ko, S. G., Lee, T. H., Yoon, H. Y., Kwon, J. H., & Mather, M. (2011). How does context affect assessments of facial emotion? The role of culture and age. *Psychology and Aging*, *26*, 48-59.
49. Mather, M., & Schoeke, A. (2011). Positive outcomes enhance incidental learning for both younger and older adults. *Frontiers in Neuroscience*, *5*, 129.
50. Mather, M., & Sutherland, M. R. (2011). Arousal-biased competition in perception and memory. *Perspectives on Psychological Science*, *6*, 114-133.
51. Nashiro, K., & Mather, M. (2011). How arousal affects younger and older adults' memory binding. *Experimental Aging Research*, *37*, 108-128.
52. Nashiro, K., Mather, M. (2011). The effect of emotional arousal on memory binding in normal aging and Alzheimer's Disease. *American Journal of Psychology*, *124*, 301-312.
53. Nashiro, K., Mather, M., Gorlick, M. A., & Nga, L. (2011). Negative emotional outcomes impair older adults' reversal learning. *Cognition & Emotion*, *25*, 1014-1028.
54. Nielsen, L., & Mather, M. (2011). Emerging perspectives in social neuroscience and neuroeconomics of aging. *Social Cognitive and Affective Neuroscience*, *6*, 149-164.

55. Sakaki, M., Gorlick, M. A., & Mather, M. (2011). Differential interference effects of negative emotional states on subsequent semantic and perceptual processing. *Emotion, 11*, 1263-1278.
56. Sakaki, M., Niki, K. & Mather, M. (2011). Updating existing memories involves the frontopolar/orbitofrontal cortex in ways that acquiring new emotional memories does not. *Journal of Cognitive Neuroscience, 23*, 3498-3514.
57. Mather, M., Lighthall, N. R., Nga, L., & Gorlick, M. A. (2010). Sex differences in how stress affects brain activity during face viewing. *NeuroReport, 21*, 933-937.
58. Mather, M. (2010). Aging and cognition. *Wiley Interdisciplinary Reviews: Cognitive Science, 1*, 346-362.
59. Knight, M., & Mather, M. (2009). Reconciling findings of emotion-induced enhancement and impairment of preceding items. *Emotion, 9*, 763-781.
60. Lighthall, N. R., Mather, M., & Gorlick, M. A. (2009). Acute stress increases sex differences in risk seeking in the Balloon Analogue Risk Task. *PLoS ONE, 4*, e6002.
61. Mather, M., Gorlick, M. A., & Lighthall, N. R. (2009). To brake or accelerate when the light turns yellow? Stress reduces older adults' risk taking in a driving game. *Psychological Science, 20*, 174-176.
62. Novak, D. L., & Mather, M. (2009). The tenacious nature of memory binding for arousing negative items. *Memory & Cognition, 37*, 945-952.
63. Mather, M., Gorlick, M. A., & Nesmith, K. (2009). The limits of arousal's memory impairing effects on nearby information. *American Journal of Psychology, 122*, 349-370.
64. Mather, M., & Sutherland, M. (2009). Disentangling the effects of arousal and valence on memory for intrinsic details. *Emotion Review, 1*, 118-119.
65. 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.
66. Mather, M., & Knight, M. (2008). The emotional harbinger effect: Poor context memory for cues that previously predicted something arousing. *Emotion, 8*, 850-860.
67. Mather, M., & Nesmith, K. (2008). Arousal-enhanced location memory for pictures. *Journal of Memory and Language, 58*, 449-464.
68. Henkel, L. A. & Mather, M. (2007). Memory attributions for choices: How beliefs shape our memories. *Journal of Memory and Language, 57*, 163-176.
69. Knight, M., Seymour, T. L., Gaunt, J. T., Baker, C., Nesmith, K., & Mather, M. (2007). Aging and goal-directed emotional attention: Distraction reverses emotional biases. *Emotion, 7*, 705-714.
70. Mather, M. (2007). Emotional arousal and memory binding: An object-based framework. *Perspectives on Psychological Science, 2*, 33-52.
71. Novak, D. L., & Mather, M. (2007). Aging and variety seeking. *Psychology and Aging, 22*, 728-737.
72. Sison, J. A. G., & Mather, M. (2007). Does remembering emotional items impair recall of same-emotion items? *Psychonomic Bulletin & Review, 14*, 282-287.

73. Budson, A. E., Mather, M., & Chong, H. (2006). Memory for choices in Alzheimer's Disease. *Dementia and Geriatric Cognitive Disorders*, *22*, 150-158.
74. Mitchell, K. J., Mather, M., Johnson, M. K., Raye, C. L., & Greene, E. J. (2006). An fMRI investigation of short-term source and item memory for negative pictures. *NeuroReport*, *17*, 1543-1546.
75. Mather, M., & Knight, M. R. (2006). Angry faces get noticed quickly: Aging does not impair threat detection. *Journal of Gerontology: Psychological Sciences*, *61*, P54-P57.
76. Mather, M., Mitchell, K. J., Raye, C. L., Novak, D. L., Greene, E. J., & Johnson, M. K. (2006). Emotional arousal can impair feature binding in working memory. *Journal of Cognitive Neuroscience*, *18*, 614-625.
77. Mather, M., & Carstensen, L. L. (2005). Aging and motivated cognition: The positivity effect in attention and memory. *Trends in Cognitive Sciences*, *9*, 496-502.
78. Mather, M., & Knight, M. (2005). Goal-directed memory: The role of cognitive control in older adults' emotional memory. *Psychology and Aging*, *20*, 554-570. [Richard Kalish Innovative Publication Award winner.]
79. Mather, M., Knight, M., & McCaffrey, M. (2005). The allure of the alignable: Younger and older adults' false memories of choice features. *Journal of Experimental Psychology: General*, *134*, 38-51.
80. Yoon, C., Laurent, G., Fung, H., Gonzalez, R., Gutchess, A. H., Hedden, T., Lambert-Pandraud, R., Mather, M., Park, D. C., Peters, E., Skurnik, I. (2005). Cognition, persuasion and decision making in older consumers. *Marketing Letters*, *16*, 429-441.
81. Kennedy, Q., Mather, M., & Carstensen, L. L. (2004). Aging and autobiographical memory: The roles of motivation and emotion regulation. *Psychological Science*, *15*, 208-214.
82. Mather, M., Canli, T., English, T., Whitfield, S., Wais, P., Ochsner, K., Gabrieli, J. D. E., Carstensen, L. L. (2004). Amygdala responses to emotionally valenced stimuli in older and younger adults. *Psychological Science*, *15*, 259-263.
83. Mitchell, K. J., Johnson, M. K., & Mather, M. (2003). Source monitoring and suggestibility to misinformation: Adult age-related differences. *Applied Cognitive Psychology*, *17*, 107-119.
84. Mather, M., & Carstensen, L. L. (2003). Aging and attentional biases for emotional faces. *Psychological Science*, *14*, 409-415.
85. Charles, S., Mather, M., & Carstensen, L. L. (2003). Aging and emotional memory: The forgettable nature of negative images for older adults. *Journal of Experimental Psychology: General*, *132*, 310-324.
86. Mather, M., & Johnson, M. K. (2003). Affective review and schema reliance in memory in older and younger adults. *American Journal of Psychology*, *116*, 169-189.
87. Mather, M., Shafir, E., & Johnson, M. K. (2003). Remembering chosen and assigned options. *Memory & Cognition*, *31*, 422-433.
88. Lane, S., Mather, M., Villa, D., & Morita, S. (2001). How events are reviewed matters: Effects of varied focus on eyewitness suggestibility. *Memory & Cognition*, *29*, 940-947.
89. Mather, M., Shafir, E., & Johnson, M. K. (2000). Misremembrance of options past: Source monitoring and choice. *Psychological Science*, *11*, 132-138.
90. Kixmiller J. S., Verfaellie M, Mather M, & Cermak L. S. (2000). Role of perceptual and organizational factors in amnesics' recall of the Rey-Osterrieth Complex Figure: A

- comparison of three amnesic groups. *Journal of Clinical and Experimental Neuropsychology*, 22, 198-207.
91. Mitchell, K. J., Johnson, M. K., Raye, C. L., Mather, M., & D'Esposito, M. (2000). Aging and reflective processes of working memory: Binding and test load deficits. *Psychology and Aging*, 15, 527-541.
 92. Mather, M., & Johnson, M. K. (2000). Choice-supportive source monitoring: Do our decisions seem better to us as we age? *Psychology and Aging*, 15, 596-606.
 93. Mather, M., Johnson, M. K., & De Leonardis, D. M. (1999). Stereotype reliance in source monitoring: Age differences and neuropsychological test correlates. *Cognitive Neuropsychology*, 16, 437-458. [Reprinted in D. L. Schacter, *The Cognitive Neuropsychology of False Memories*. Philadelphia, PA: Psychology Press.]
 94. Mitchell, K. J., Livosky, M., & Mather, M. (1998). The weapon focus effect revisited: The role of novelty. *Legal and Criminological Psychology*, 3, 287-303.
 95. 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.
 96. Cermak, L. S., Mather, M., & Hill, R. (1997). Unconscious influences on amnesics' word-stem completion. *Neuropsychologia*, 35, 605-610.
 97. Mather, M., Henkel, L. A., & Johnson, M. K. (1997). Evaluating characteristics of false memories: Remember/know judgments and memory characteristics questionnaire compared. *Memory & Cognition*, 25, 826-837.
 98. Cermak, L.S., Verfaellie, M., Lanzoni, S., Mather, M. & Chase, K.A. (1996). The spacing effect on the recall and recognition ability of amnesic patients. *Neuropsychology*, 10, 219-227.

Chapters and Book Reviews

- Martins, B., & Mather, M. (in press). Default mode network and later-life emotion regulation: Linking functional connectivity patterns and emotional outcomes. In A. D. Ong & C. E. Löckenhoff, *Emotion, Aging, and Health*.
- Mather, M. (2015). Emotional memory. In S. K. Whitbourne (Ed.), *The Encyclopedia of Adulthood and Aging*, 1-4.
- Mather, M., & Ponzio, A. (in press). Emotion and aging. In L. Feldman Barrett, M. Lewis, & J. Haviland-Jones (Eds.), *Handbook of Emotions*.
- Barber, S. J., & Mather, M. (2014). Stereotype threat in older adults: When and why does it occur, and who is most affected? In P. Verhaeghen & C. Hertzog (Eds.), *The Oxford Handbook of Emotion, Social Cognition, and Everyday Problem Solving During Adulthood*, 302-320.
- Mather, M. (2009). When emotion intensifies memory interference. *Psychology of Learning and Motivation*, Vol. 51, 101-120.
- Kryla-Lighthall, N., & Mather, M. (2009). The role of cognitive control in older adults' emotional well-being. In V. Berntson, D. Gans, N. Putney, & M. Silverstein (Eds.), *Handbook of Theories of Aging* (pp. 323-344), 2nd Edition, Springer Publishing.

- Kennedy, Q., & Mather, M. (2007). Aging, affect and decision making. In K. D. Vohs, R. F. Baumeister, & G. Loewenstein (Eds.), *Do Emotions Help or Hurt Decision Making? A Hedgesfoxian perspective* (pp. 245-265). New York, Russell Sage Foundation Press.
- Mather, M. (2006). Why memories may become more positive as people age. In B. Uttil, N. Ohta & A. Siegenthaler (Eds.), *Memory and Emotion: Interdisciplinary Perspectives* (pp. 135-158), Blackwell Publishing.
- Knight, M., & Mather, M. (2006). The affective neuroscience of aging and its implications for cognition. In T. Canli (Ed.), *The Biological Bases of Personality and Individual Differences* (pp. 159-183). Guilford Press.
- Carstensen, L. L., Mikels, J. A., & Mather, M. (2006). Aging and the intersection of cognition, motivation and emotion. In J. Birren & K. W. Schaie (Eds.), *Handbook of the Psychology of Aging, Sixth Edition* (pp. 343-362), San Diego: Academic Press.
- Mather, M. (2006). A review of decision making processes: Weighing the risks and benefits of aging. In L. L. Carstensen and C. R. Hartel (Eds.), *When I'm 64* (pp. 145-173). Washington, DC: The National Academies Press.
- Mather, M. (2004). Aging and emotional memory. In D. Reisberg & P. Hertel (Eds.), *Memory and Emotion* (pp. 272-307). NY: Oxford University Press.
- Mather, M. (2001). Memory, brain, and belief. *American Journal of Psychology*, 114, 473-477.

Presentations

- Barber, S., Opitz, P., Martins, B., Sakaki, M. & Mather, M. (2014). Reflecting on a Limited Future Leads to Increased Positivity in Younger and Older Adults' Recall. Paper presented at the 55th annual meeting of the Psychonomic Society.
- Castrellon, J., Ponzio, A., Faskowitz, J. & Mather, M. (April, 2014). The impact of caloric restriction on subcortical structures. Poster presented at the 24th annual meeting of the Western Psychological Association.
- Clewett D., Sakaki M., Yoo H.J. & Mather M. (2014). Altered amygdala functional connectivity rather than structural decline predicts age differences in socioemotional wellbeing. Poster presented at 21st annual meeting of Cognitive Neuroscience Society.
- Faskowitz, J., Ponzio, A., Castrellon, J. & Mather, M. (April, 2014). The influences of emotion on the recognition of change. Poster presented at the 24th annual meeting of the Western Psychological Association.
- Greening, S. G., Lee, T. H. & Mather, M. (2014). Individual differences in anxiety influence the integration of early sensory signals corresponding to aversive unconditioned stimuli. Poster presented at 44th annual meeting of the Society for Neuroscience.
- Lee, T.H., Greening, S.G., Sosa, N. & Mather, M. (2014). Emotional arousal amplifies biased competition in visual processing. Poster presented at 44th annual meeting of the Society for Neuroscience.
- Martins, B., Tranton, H., Aboseif, A., Sheppes, G., Gross, J. & Mather, M. (2014) Effect of Arousal and Valence on Emotion Regulation Choice in Older and Younger Adults. Poster presented at the 67th annual meeting of the Gerontological Society of America.

- Nielsen, S.E., Barber, S.J. & Mather, M. (2014). Arousal modulates short-term emotional memory in women on hormonal contraception. Poster presented at 44th annual meeting of the Society for Neuroscience.
- Ponzio, A. & Mather, M. (2014). Emotion enhances pattern separation ability for younger but not older adults. Poster presented at the first annual meeting of the Society for Affective Science.
- Ponzio, A. & Mather, M. (2014). Emotion differentially impacts pattern separation for younger but not older adults. Poster presented at the 67th annual meeting of the Gerontological Society of America.
- Ycaza, A. E., Nielsen, S. E. & Mather, M. (2014). Cortisol response to cold pressor stress varies during the follicular phase of the menstrual cycle depending on progesterone levels. Poster presented at 44th annual meeting of the Society for Neuroscience.
- Barber, S. J., & Mather, M. (2013). *Collaboration eliminates the positivity effect in older adults' recall*. Poster presented at the annual meeting of the Psychonomic Society.
- Ycaza, A. E., Mather, M., Hodis, H. N., & Mack, W. J. (2013). *Estrogen treatment after menopause protects against stress-induced impairments in working memory*. Poster presented at the Society for Neuroscience, San Diego, CA.
- Barber, S. J., & Mather, M. (2013). *Stereotype threat can impair, but also enhance, older adults' memory*. Paper presented at the Conference on Mechanisms of Motivation, Cognition, and Aging, Washington, DC.
- Martins, B., Velasco, R., Ponzio, A. & Mather, M. (2013). *Multi-voxel pattern analyses reveal age differences in specificity of emotion regulation strategies*. Poster presented at the 20th annual meeting of Cognitive Neuroscience Society.
- Sakaki, M., Fryer, K., & Mather, M. (2013). *Whether emotion leads to retrograde amnesia or facilitation depends on the focus of top-down attention*. Poster presented at the 20th annual meeting of Cognitive Neuroscience Society.
- Barber, S. J., & Mather, M. (2012). *Stereotype threat in older adults*. Paper presented at the annual meeting of the Psychonomic Society.
- Sakaki, M., Ycaza, A., & Mather, M. (2012). *When do previous emotional associations impair and when do they facilitate subsequent learning of new associations*. Paper presented at the annual meeting of the Psychonomic Society.
- Barber, S.J., & Mather, M. (2012). *How retellings shape memory in younger and older adults*. Poster presented at the annual meeting of the Psychonomic Society.
- Mather, M. (2012). *Symposium on the age-related positivity effect: Past, present, and future perspectives*. Discussant at the annual meeting of the Gerontological Society of America.
- Lee, T. H., & Mather, M. (2012). *Arousal amplifies the effects of stimuli competition between face and place areas*. Poster presented at the annual meeting of the Society for Neuroscience.
- Mather, M. (2012). *Arousal-biased competition in memory*. Paper presented at the annual meeting of the Memory Disorders Research Society.
- Lee, T. H., & Mather, M. (2012). *Fear-conditioned arousing stimuli enhance contrast sensitivity: Application of the quick contrast-sensitivity-function method*. Poster presented at the annual meeting of the Vision Sciences Society.

- Mather, M., Sutherland, M., Lee, T. H., Foertsch, A., & Knight, M. (2012). *Arousal-biased competition in memory*. Paper presented at the 19th annual meeting of Cognitive Neuroscience Society.
- Clewett, D., Damasio, H., & Mather, M. (2012). Subregions of the thalamus connected with frontal and temporal cortex show greater age-related degeneration than other subregions. Poster presented at the 19th annual meeting of Cognitive Neuroscience Society.
- Sakaki, M., Nga, L., & Mather, M. (2012). Older adults' positivity effect in memory is related to their amygdala-MPFC functional connectivity during rest. Poster presented at the 19th annual meeting of Cognitive Neuroscience Society.
- Lighthall, N., Nga, L., Ycaza, A., Jang, J., Velasco, R., & Mather, M. (2012). Stress effects on reinforcement learning in younger and older women: An fMRI investigation. Poster presented at the 19th annual meeting of Cognitive Neuroscience Society.
- Foertsch, A., Meinders, C., Bachman, S., Chug, E., & Mather, M. (2012). *Winners and losers: Arousal-biased competition and memory*. Poster presented at the annual meeting of the Western Psychological Society.
- Sutherland, M. R., Burgeno, J., & Mather, M. (2012). *The effects of emotional arousal on visual priority in free recall: A comparison of older and younger adults*. Poster presented at the annual meeting of the Association for Psychological Science.
- Sutherland, M., & Mather, M. (2011). *Emotionally arousing sounds increase short-term recall of high contrast visual stimuli in younger and older adults*. Paper presented at the 52nd annual meeting of the Psychonomics Society.
- Barber, S. J., & Mather, M. (2011). *Retrieval-induced forgetting: The effects of age, valence, and social factors*. Poster presented at the 52nd annual meeting of the Psychonomics Society.
- Lee, T. H., & Mather, M. (2011). *Evidence for arousal-biased competition in perceptual learning*. Poster presented at the 52nd annual meeting of the Psychonomics Society.
- Sakaki, M., Gorlick, M. A. & Mather, M. (2011). *Differential interference effects of negative emotional states on subsequent semantic and perceptual processing*. Poster presented at the 52nd annual meeting of the Psychonomics Society.
- Nashiro, K., Sakaki, M., Nga, L., & Mather, M. (2011). *Differential neural activity during emotional vs. non-emotional reversal learning*. Paper presented at the Bay Area Memory Meeting, Poster presented at the 52nd annual meeting of the Psychonomics Society.
- Sakaki, M., Sutherland, M. R., Nga, L., & Mather, M. (2011). *Age differences in amygdala functional connectivity during rest*. Paper presented at the International Society for Research on Emotion.
- Clewett, D., Schoeke, A., Abrams, Z., & Mather, M. (2011). *Acute stress enhances default mode network activity 15-25 minutes later*. Poster presented at the 18th annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Gorlick, M. A., Glass, B. D., Nix, B. N., Mather, M., & Maddox, W. T. (2011). *A silver lining: How age differences in emotion regulation can be used to attenuate deficits in learning*. Poster presented at the 18th annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Lighthall, N. R., Mather, M., Frank, M., Gorlick, M., Schoeke, A. (2011). *Stress Modulates Reinforcement Learning in Younger and Older Adults*. Poster presented at the 18th annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

- Nashiro, K., Nga, L., & Mather, M. (2011). *A silver lining: How age differences in emotion regulation can be used to attenuate deficits in learning*. Poster presented at the 18th annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Sakaki, M., Sutherland, M., Nga, L., & Mather, M. (2011). *Age differences in amygdala functional connectivity during rest*. Poster presented at the 18th annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Sutherland, M. R., & Mather, M. (2011). *Winners Take More, Losers Take Less: Emotionally Arousing Sounds Amplify Differences in Perceptual Salience Among Competing Visual Stimuli*. Poster presented at the 18th annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Mather, M., & Schoeke, A. (2010). *Reward anticipation enhances new learning of reward-irrelevant information for both older and younger adults*. Paper presented at the Gerontological Society of America, New Orleans, LA.
- Nashiro, K., Mather, M., & Gorlick, M. (2010). *Positive emotional content helps older adults learn more effectively*. Paper presented at the Gerontological Society of America, New Orleans, LA.
- Mather, M., Lighthall, N. R., Nga, L., Gorlick, M. A. (2010). *Stressed men and women process faces differently*. Paper presented at the annual meeting of the Cognitive Neuroscience Society, Montreal, Canada.
- Sakaki, M., Niki, K., & Mather, M. (2010). *Mechanisms underlying the intrusive nature of previous emotional associations*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, Montreal, Canada.
- Mather, M., Sakaki, M., & Nashiro, K. (2010). *The immutable nature of emotional memories: Emotion-impaired memory updating*. Paper presented at the Association for Psychological Science Annual Convention. Boston, MA.
- Lighthall, N. R., Sakaki, M., Vasunilashorn, S., Nga, L., Gorlick, M. A., Somayajula, S., Mather, M. (2010). *Stress effects on risk- and reward-related decision processing are modulated by sex*. Paper presented at the Association for Psychological Science Annual Convention. Boston, MA.
- Knight, M., & Mather, M. (2009). *Reconciling findings of emotion-induced enhancement and impairment of preceding items*. Paper presented at the 50th annual meeting of the Psychonomics Society, Boston, MA.
- Nashiro, K., & Mather, M. (2009). *Does emotional content enhance older adults' and Alzheimer's Disease patients' memory binding?* Paper presented at the 62nd annual meeting of the Gerontological Society of America, Atlanta, GA.
- Lighthall, N., Sakaki, M., Vasunilashorn, S., Sornayajula, S., Nga, L., & Mather, M. (September, 2009). *Stress modulates sex differences in BOLD response and behavior during decision making*. Paper presented at the annual meeting of the Society for Neuroeconomics, Chicago, IL.
- Mather, M. (May, 2009). *Cross-cultural comparisons of age differences in emotional attention and memory*. Paper presented at the 21st annual meeting of the Association for Psychological Science, New York, NY.
- Mather, M. (May, 2009). *The role of cognitive control in older adults' positivity effect*. Paper presented at the 21st annual meeting of the Association for Psychological Science, New York, NY.

- Nashiro, K., & Mather, M. (May, 2009). *Does emotional content help Alzheimer's Disease patients learn more effectively?*. Paper presented at the 21st annual meeting of the Association for Psychological Science, New York, NY.
- Lighthall, N., Sakaki, M., Vasunilashorn, S., Sornayajula, S., Nga, L., Chen, E., & Mather, M. (March, 2009). *Sex differences in stress effects on brain activation and behavior during decision making*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Ko, S., Mather, M., Lee, T., Yoon, H., & Kwon, J. (November, 2008). *The effect of emotional context on facial perception in Koreans and Americans*. Paper presented at the 49th annual meeting of the Psychonomics Society, Chicago, IL.
- Mather, M., Gorlick, M., & Lighthall, N. (November, 2008). *Stress reduces older adults' risk taking*. Paper presented at the 61st annual meeting of the Gerontological Society of America, National Harbor, MD.
- Lighthall, N., & Mather, M. (November, 2008). *Physiological response to the cold pressor task in younger and older adults*. Poster presented at the 61st annual meeting of the Gerontological Society of America, National Harbor, MD.
- Nashiro, K., & Mather, M. (November, 2008). *Does emotional content help Alzheimer's disease patients learn more effectively?* Paper presented at the 61st annual meeting of the Gerontological Society of America, National Harbor, MD.
- Novak, D., Mather, M., Petersen, N., & Masler, A. (August, 2008). *Sleep enhances memory for location of pictures*. Poster presented at the 5th annual Bay Area Memory Meeting, Davis, CA.
- Mather, M., & Mangold, S. (July, 2008). *When repeated reminders lead to forgetting: Spontaneous suppression of negative associations*. Poster presented at the 29th International Congress of Psychology, Berlin, Germany.
- Mather, M., Gorlick, M., & Kryla-Lighthall, N. (June, 2008). *To brake or accelerate when the light turns yellow? Stress reduces older adults' risk taking*. Poster presented at the 2nd annual Social & Affective Neuroscience conference, Boston, MA.
- Kryla-Lighthall, N., Gorlick, M., Granger, D. A., & Mather, M. (May, 2008). *Stress and emotional memory: Two stress systems with different effects?* Poster presented at the 20th annual Association for Psychological Science conference, Chicago, IL.
- Novak, D. L., & Mather, M. (November, 2007). *The tenacious nature of binding errors for arousing pictures*. Poster presented at the 48th annual meeting of the Psychonomics Society, Long Beach, CA.
- Mather, M., & Knight, M. (November, 2007). *How emotional expectations affect context memory*. Paper presented at the 48th annual meeting of the Psychonomics Society, Long Beach, CA.
- Kryla-Lighthall, N., Gorlick, M., & Mather, M. (August, 2007). *Stress improves memory consolidation for emotional material*. Poster presented at the Summer Training on Aging Research Topics - Mental Health Program annual conference, San Diego, CA.
- Knight, M., Seymour, T. L., Gaunt, J. T., Baker, C., Nesmith, K., & Mather, M. (August, 2007). *Aging and goal-directed attention: Distraction reverses emotional biases*. Paper presented at the 115th annual meeting of the American Psychological Association, San Francisco, CA.
- Henkel, L., & Mather, M. (November, 2006). *Memory attributions for choices: How beliefs shape our memories*. Paper presented at the 47th annual meeting of the Psychonomic Society, Houston, TX.

- Knight, M., & Mather, M., Seymour, T. L., Gaunt, J., Baker, C., & Nesmith, K. (August, 2006). *The role of cognitive control in older adults' positivity effect*. Poster presented at the Bay Area Memory Meeting, Berkeley, CA.
- Mather, M. (July, 2006). *Emotional arousal and memory binding*. Paper presented at the International Congress on Memory, Sydney, Australia.
- Mather, M., & Knight, M. (July, 2006). *The role of cognitive control in older adults' positivity effect in memory*. Paper presented at the International Congress on Memory, Sydney, Australia.
- Mather, M. (May, 2006). *Emotional arousal and memory for location*. Paper presented at the annual meeting of the Association for Psychological Science, New York, NY.
- Knight, M., & Mather, M. (April, 2006). *The impact of emotional arousal on associative memory*. Poster presented at the 13th annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Novak, D., & Mather, M. (November, 2005). *Variety seeking and aging*. Paper presented at the annual meeting of the Society for Judgment and Decision Making, Toronto, Canada.
- Gordon, R., & Mather, M. (November, 2005). *The effect of wishful thinking on source monitoring in older and younger adults*. Poster presented at the 45th annual meeting of the Psychonomic Society, Toronto, Canada.
- Sims, T., Garber, A. M., Mather, M., Mahlow, P., Goldstein, M. K. (November, 2005). *Effect of care-providing for functional dependence on estimates of quality of life*. Poster presented at the 58th annual meeting of The Gerontological Society of America.
- Mather, M., Mitchell, K. J., Novak, D. L., Raye, C. L., Greene, E. J., & Johnson, M. K. (April, 2005). *Emotional arousal can impair memory for source*. Poster presented at the 12th annual meeting of the Cognitive Neuroscience Society, New York, NY.
- Mather, M., & Knight, M. (November, 2004). *Older adults with higher cognitive function have a larger positivity bias in memory*. Paper presented at the annual meeting of the Gerontological Society of America, Washington, DC.
- Mather, M., Knight, M., Novak, D., Mahlow, P., Garber, A. M., & Goldstein, M. K. (November, 2004). *Estimating the impact of disabilities on mood: Even those with disabilities overestimate their impact*. Poster presented at the annual meeting of the Gerontological Society of America, Washington, DC.
- Sison, J. A., & Mather, M. (October, 2004). *Retrieval inhibition in emotional picture recall*. Paper presented at the annual meeting of the Association for Consumer Research, Portland, Oregon.
- Sison, J. A., & Mather, M. (August, 2004). *Emotional part-set cueing: Remembering some positive pictures inhibits memory for other positive pictures*. Poster presented at the Bay Area Memory Meeting, Berkeley, CA.
- Knight, M., & Mather, M. (August, 2004). *The impact of emotional goals on age differences in memory*. Poster presented at the Bay Area Memory Meeting, Berkeley, CA.
- Goldstein, M. K., Mather, M., Mahlow, P., Calvillo, T., Garber, A. M. (May, 2004). *Comparison of standard gamble utilities and visual analogue scale ratings for health states of dependence in activities of daily living*. Poster presented at the annual meeting of the American Geriatrics Society, Las Vegas, NV.
- Mather, M., & Knight, M. (April, 2004). *The allure of the alignable: Younger and older adults' false memories of choice features*. Poster presented at the tenth meeting of the Cognitive Aging Conference, Atlanta, GA.

- McCaffrey, M., & Mather, M. (November, 2003). *The allure of the alignable: False memories of choice features*. Poster presented at the 44th annual meeting of the Psychonomic Society, Vancouver, Canada.
- Goldstein, M. K., Mather, M., Mahlow, P., & Garber, A. M. (November, 2003). *Visual analogue scale and estimated mood ratings for health states of dependency in activities of daily living*. Paper presented at the annual meeting of the Gerontological Society of America, San Diego, CA.
- Goldstein, M. K., Mather, M., Mahlow, P., & Garber, A. M. (October, 2003). *Absence of focusing illusion not explained by ADL dependency familiarity*. Paper presented at the annual meeting of the Society for Medical Decision Making, Chicago, IL.
- Goldstein, M. K., Mather, M., Mahlow, P., & Garber, A. M. (May, 2003). *Quality of life ratings for health states of dependency in activities of daily living*. Paper presented at the annual meeting of the American Geriatrics Society, Baltimore, MA.
- Mather, M., & Knight, M. (March, 2003). *Aging and detection of threatening faces*. Poster presented at the 10th annual meeting of the Cognitive Neuroscience Society, New York, NY.
- Hayward, H., Mather, M., Charles, S. T., & Carstensen, L. L. (April, 2002). *Post-traumatic effects on memory for emotional stimuli: Parallels with aging*. Poster presented at the 82nd annual meeting of the Western Psychological Association, Irvine, CA.
- Penner, A., & Mather, M. (April, 2002). *Differences in how happy and unhappy individuals evaluate and remember past options*. Paper presented at the 46th annual meeting of the Spartan Psychological Association Research Conference, San Jose, CA.
- Sison, J. A., & Mather, M. (November, 2002). *Remembering collaborative choices: Groupthink in memory?* Poster presented at the 43rd annual meeting of the Psychonomic Society, Kansas City, MO.
- Mather, M. (August, 2001). *Impact of age and emotion on remembering decisions*. Paper presented at the 109th annual meeting of the American Psychological Association, San Francisco, CA.
- Charles, S., Mather, M., & Carstensen, L. L. (August, 2001). *Focusing on the positive: Aging and memory for emotional pictures*. Paper presented at the 109th annual meeting of the American Psychological Association, San Francisco, CA.
- Henkel, L. A., & Mather, M. (November, 2001). *Effect of time on memory for choices*. Poster presented at the 42nd annual meeting of the Psychonomic Society, New Orleans, LA.
- Mather, M., Canli, T., English, T., Golarai, G., Gabrieli, J. D. E., Carstensen, L. L. (2001). *An fMRI study of age-related changes in encoding and remembering emotional material*. Paper presented at the annual meeting of the Society for Neuroscience, San Diego, CA.
- Mather, M., & Johnson, M. K. (November, 2000). *Affective review and schema reliance in memory in older and younger adults*. Paper presented at the annual meeting of the Gerontological Society of America, Washington, DC.
- Mitchell, K. J., Druzgal, J., Raye, C. L., Mather, M., Johnson, M. K., D'Esposito, M. (April, 1999). *Age-related memory binding deficits: Behavioral and fMRI studies*. Poster presented at the 6th annual meeting of the Cognitive Neuroscience Society, Washington, DC.
- Lane, S., Mather, M., Villa, D., Morita, S., Warnick, E., et al. (April, 1999). *Rehearsing witnessed events can reduce or increase false memories*. Poster presented at the annual meeting of the Western Psychological Association, Irvine, CA.

- Mather, M., Shafir, E., & Johnson, M. K. (June, 1999). *Misrememberance of options past: Source monitoring and choice*. Poster presented at the 11th annual meeting of the American Psychological Society, Denver, CO.
- Mitchell, K. J., Mather, M., & Johnson, M. K. (June, 1999). *Adult age differences in eyewitness suggestibility*. Paper presented at the 11th annual meeting of the American Psychological Society, Denver, CO.
- Mather, M., Shafir, E., & Johnson, M. K. (November, 1999). *Source monitoring biases for chosen vs. assigned options*. Poster presented at the annual meeting of the Society for Judgment and Decision Making, Los Angeles, CA. [Received honorable mention for Student Poster Award.]
- Mather, M., & Johnson, M. K. (November, 1999). *Source monitoring and choice: Do our decisions seem to get better as we age?* Poster presented at the 40th annual meeting of the Psychonomic Society, Los Angeles, CA.
- Lane, S., Mather, M., Villa, D., & Morita, S. (November, 1999). *All rehearsals are not created equal: Effects of varied focus on eyewitness suggestibility*. Poster presented at the 40th annual meeting of the Psychonomic Society, Los Angeles, CA.
- Mather, M., & Johnson, M. K. (May, 1998). *Thinking about emotional reactions can lead to memory distortion*. Paper presented at the 10th annual meeting of the American Psychological Society, Washington, DC.
- Mitchell, K. J., Mather, M., Raye, C. L., & Johnson, M. K. (May, 1998). *Aging and working memory binding deficits*. Poster presented at the 10th annual meeting of the American Psychological Society, Washington, DC.
- Mather, M., Henkel, L. A., & Johnson, M. K. (October, 1996). *Evaluating characteristics of false memories*. Poster presented at the 37th annual meeting of the Psychonomic Society, Chicago, IL.

Invited Talks

2014

Ohio State University Psychology Department Clinical Colloquium
 University of Texas, Austin, Imaging Research Center Colloquium
 UC San Diego, Rady School of Business Colloquium
 National Institute of Aging Society on Affective Science Preconference, Washington, DC
 Summer Institute in Cognitive Neuroscience, Santa Barbara, CA
 University of Hamburg, Cognitive Neuroscience Seminar, Hamburg, Germany
 International Max Planck Research School LIFE PhD Commencement Celebratory Speech,
 Berlin, Germany
 Max Planck Institute for Human Development, External Colloquium

2013

Duke University Mind, Brain and Behavior Distinguished Lecture Series
 Conference on Mechanisms of Motivation, Cognition, and Aging, Washington, DC
 American Psychosomatic Society Convention Pre-Conference Workshop on Positive
 Psychobiology, Miami, FL

University of Southern California Global Conference, Seoul, South Korea
Society of Experimental Social Psychology Conference, Berkeley, CA
Psychology Club, Santa Monica College
University of Southern California Brain and Cognitive Sciences/Developmental Brownbag
University of Chicago Booth School of Business, Behavioral Science Workshop
NIH Meeting on Affective and Decision Science Perspectives on Palliative Care and Cancer
Cornell Urie Bronfenbrenner Conference: New Developments in Aging, Emotion, and Health

2012

Brandeis University Psychology Department Colloquium
University College London Affective Brain Talk Series
UC Riverside Cognitive Brownbag
Behavior Change Research Network Conference on Decision Making and Emotion Regulation
at UC Berkeley

2011

Italian IVth National Congress of Psychology and Aging, Italy (Keynote Speaker)
Neuroscience of Emotion Conference, Baycrest Research Centre and Rotman Institute, Canada
University of Illinois Brain and Cognition Seminar
UCLA Cognitive Seminar
University of Southern California Multidisciplinary Research Colloquium Series in Aging
UC San Diego Seminar Series on the Cognitive Neuroscience of Emotion and Motivation

2010

University of Arizona Cognitive Science Colloquium
University of Southern California Social Psychology Colloquium

2009

University of Geneva Conference on Emotions, Stress, and Aging, Switzerland
National Institute on Aging Panel on Decision Making and Aging
NIA/IPSR Workshop on Advancing Integrative Psychological Research on Adaptive and Healthy
Aging
American Psychological Society Annual Meeting Invited Symposium Speaker
UCLA Behavioral Decision Making Group Colloquium
UCLA Social Area Colloquium
Claremont Graduate University Cog Lunch
Yale University Cognitive Lunch

2008

UCLA Cognitive Seminar
Cornell Center for Behavioral Economics and Decision Research

2007

Wharton Decision Processes Seminar
UC Irvine Department of Psychology and Social Behavior

2006

American Psychological Association Annual Meeting Division 3 Program Invited Symposium Speaker
International Society for Behavioral Neuroscience Annual Meeting Invited Speaker, England
NIH/BSR Neuroeconomics and Aging Workshop
Western Psychological Association Annual Meeting Invited Speaker
Conference on Behavioral Perspectives on the Medicare Part D Market for Prescription Drug Insurance

2005

Tsukuba International Conference on Memory and Emotion, Japan
American Psychological Society Annual Meeting Invited Symposium Chair
University of Toronto Psychology Department, Canada
UC Davis Cognitive Brownbag
UC Berkeley Cognition, Brain and Behavior Colloquium
Stanford University Personality Seminar
UC Berkeley Shansby Seminar Series, Haas School of Business

2004

Massachusetts Institute of Technology School of Management
Biological Bases of Personality and Individual Differences Conference
The 6th CU-Boulder Invitational Choice Symposium
Dartmouth College Psychological and Brain Sciences Department

2003

The National Academies Workshop on Social Psychology and Aging

2002

Cognitive Aging Conference
Stanford University Psychology Department

2001

Stanford University Health Policy Research Center
UC Santa Cruz Developmental Program Colloquium
Stanford University Personality Seminar

Editorial Positions

2007-2009	Associate Editor, <i>Journal of Experimental Psychology: General</i>
2004-2007	Editorial Board, <i>Journals of Gerontology: Psychological Sciences</i>
2005-	Consulting Editor, <i>Psychology and Aging</i>
2006-2011	Consulting Editor, <i>Emotion</i>
2006-2007	Consulting Editor, <i>Journal of Experimental Psychology: Learning, Memory, & Cognition</i>
2007-2008	Editorial Board, <i>Psychological Science</i>

2011	Guest Editor, Special Section on Aging in <i>Social Cognitive and Affective Neuroscience</i>
2011-	Consulting Editor, <i>Perspectives on Psychological Science</i>
2011-2013	Advisory Board, <i>Annals of the New York Academy of Sciences: The Year in Cognitive Neuroscience</i>
2012-2013	Editorial Board, <i>Journals of Gerontology: Psychological Sciences</i>
2011-2012	Guest Editor, Special Section on Neuroimaging Contributions to Cognitive Theory for <i>Perspectives in Psychological Science</i>
2011-2013	Guest Editor, <i>Frontiers</i> Special Topic on Emotion & Cognition
2015	Guest Action Editor, <i>Emotion</i>

Grant Reviews

2014	Netherlands Organisation for Scientific Research, peer reviewer
2010-2013	NIH Social Psychology, Personality and Interpersonal Processes Study Section Member
2004	NIH Cognition and Perception Study Section Temporary Member
2005	NIH Cognition and Perception Study Section Temporary Member
2009	NIH Cognition and Perception Study Section Temporary Member
2006	NIH Social Neuroscience Study Section Member
	Also served as NIH and NSF ad hoc reviewer on various dates
2012	Expert reviewer for NIH evaluation of Pioneer Award funding mechanism

Ad hoc Reviewer

Ad hoc Reviewer

Acta Psychologica
Aging, Neuropsychology, and Cognition
Applied Cognitive Psychology
Attention, Perception, & Psychophysics
American Sociological Review
Behavior Research and Therapy
Beh. Res. Methods, Instruments, & Computers
Biological Psychiatry
British Journal of Psychology
Cerebral Cortex
Cognition
Cognition and Emotion
Cognitive, Affective, and Behavioral Neurosci.
Current Directions in Psychological Science
Emotion
Emotion Review
European Journal of Neuroscience
Frontiers in Decision Neuroscience
Frontiers in Emotion Science
Frontiers in Integrative Neuroscience
Gerontology
Health Psychology
Hormones and Behavior
Human Brain Mapping
International Journal of Psychology
Journal of Experimental Psychology: LMC
Journal of Experimental Psychology: General
Journal of Gerontology: Psychological Science
Journal of the International Neuropsychological Society
Journal of Memory and Language
Journal of Neuroscience
Journal of Personality and Social Psychology
Journal of Politics
Memory
Memory & Cognition
Nature Neuroscience
Neurobiology of Aging
Neuropsychologia
Neuroscience & Biobehavioral Review
NeuroImage
NeuroReport
Psychiatry Research
Psychological Bulletin
Psychological Reports
Psychological Review
Psychological Science
Psychology and Aging
Psychoneuroendocrinology
Psychonomic Bulletin & Review
Psychophysiology
Quarterly J. of Experimental Psychology
Social and Personality Psychology Compass
Social Cognition
Social Cognitive and Affective Neuroscience

Professional Service

2016 Department External Review Team Member, Department of Psychology, Washington University, St. Louis, MO.

2014 Search Committee Member, *Cognitive, Affective, and Behavioral Neuroscience* Editor Search

2013 Review of the NIA Division of Behavioral and Social Research, "Biosocial and Biobehavioral Research" subcommittee

2013 Review of the NIA Division of Behavioral and Social Research, "Aging Minds" subcommittee

2013 Participant, Brain Health Summit, Stanford Longevity Center

2013 Richard Kalish Innovative Publication Award Committee, Gerontological Society of America

2010-2011	Search Committee Member, <i>Psychology and Aging</i> Editor Search
2010-2015	Advisory Council member, Princeton Department of Psychology
2008	Participated in consensus statement on interventions that can reduce normal age-related cognitive decline; meeting hosted by the Stanford Center on Longevity and the Max-Planck Institute for Human Development
2007-2008	Chair, American Psychological Association Division 20 Program Committee
2002	Presented results of commissioned paper on decision making and aging to a National Academy of Sciences panel

University of Southern California Service

2015-2016	Chair, Gerontology cluster hire committee
2015-present	Faculty Council, Davis School of Gerontology
2015-2016	External Member, PEG Committee, Department of Marketing, USC Marshall School
2014	Review Panel for Zumberge Interdisciplinary Awards
2013-2014	University Committee on Appointments, Promotions, and Tenure
2013	Provost Task Force on Retirement Assistance
2013	Panelist, Graduate Association of Students in Psychology, "How to get an academic job."
2013-2014	Gerontology Multidisciplinary Research Colloquium Series in Aging Co-Coordinator
2012-2013	Neuroscience Graduate Program Admissions Committee
2012-2013	Faculty Search Committee, Davis School of Gerontology
2012-2014	Mellon Mentoring Forum member
2011-2012	Dean Search Committee, Davis School of Gerontology
2011-present	Proposals Review Committee, Dornsife Cognitive Neuroimaging Center
2011	Good Neighbor campaign faculty representative for Gerontology
Jan. 2009 - Nov. 2010	Faculty Council, Davis School of Gerontology
2009-2010	Biogero Faculty Search Committee, Davis School of Gerontology
2009-2014	Awards Committee Chair, Davis School of Gerontology
2008-present	Creator and administrator of university-wide Healthy Minds older adult subject pool
2008-2009	Strategic Planning Committee, Davis School of Gerontology
2007-2008	Psychology and Aging Faculty Search Search Committee, Davis School of Gerontology

UC Santa Cruz Service

2007	Social Sciences Division Grant Writing Workshop Instructor
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2006-2007 Academic Senate Committee on Research
2006-2007 Graduate Advisory Committee, Psychology Dept.
2004-2005 Cognitive Position Search Committee, Psychology Dept.
2004-2005 Committee on Academic Personnel for the Social Sciences Division
2002-2005 Statistics Committee
2002-2005 Graduate Advisory Committee, Psychology Dept.
2001-2002 Undergraduate Education Committee, Psychology Dept.

Professional Society Affiliations

American Psychological Association Division 20 – Adult Development and Aging
Association for Psychological Science
Cognitive Neuroscience Society
Gerontological Society of America, Fellow
International Society for Research on Emotion
Memory Disorders Research Society
Psychonomic Society