

**Mara Mather**  
**Curriculum Vitae (February, 2024)**

**Employment**

2011-present	Professor of Gerontology, Psychology, and (since 2020) Biomedical Engineering, 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**

2021	Top 1% of Scientists Worldwide (Baas, Boyack, Ioannidis, 2021)
2018	Max Planck Sabbatical Award (funded short research stays and project staff for collaborative work at the Max Planck Institute in Berlin)
2017	Ethel Percy Andrus Prize, Leonard Davis School of Gerontology (for faculty service)
2014-2015	Alexander von Humboldt Foundation Research Fellowship for sabbatical year at the Max Planck Institute for Human Development, Berlin, Germany
2010	APA 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 (Dean Gerald Davison)
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 (student-nominated campus-wide award)
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	APA Dissertation Research Award

**Awards**

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
1991	Stanford President's Award for Academic Excellence

**Grants (PI or co-PI; co-I roles not listed)**

2023-2028	MPI, "Locus Coeruleus Imaging Markers in Preclinical Alzheimers disease, Cerebrovascular Disease and Cognitive Decline," National Institute on Aging, R01 AG082073
2023-2028	PI, "Effects of Resonance-Frequency Breathing on Preclinical Alzheimer's Disease Biomarkers and Cognition," National Institute on Aging, R01 AG080652
2022-2024	PI, "Effects of Acute Stress Exposure on Plasma Beta-Amyloid Levels," National Institute on Aging, R21 AG080414
2022-2023	PI, "Effects of Daily Resonance-Frequency Breathing on Brain Perivascular Space Volume," USC Epstein Breakthrough Alzheimer's Research Fund. Total \$224,559
2019-2024	Co-PI, "Multidisciplinary Research Training in Gerontology," National Institute on Aging T32 AG000037, Total \$2,903,220
2017-2022	PI, "Emotion-Cognition Interactions and Aging," National Institute on Aging R01 AG025340, Total \$4,306,938
2017-2022	PI, "Why Does Heart Rate Variability Matter for Emotion Regulation?" National Institute on Aging R01 AG057184, Total \$2,125,425
2017-2018	Subcontract PI, "Testing whether stereotype threat impairs cognitive performance after learning about amyloid status," National Institute on Aging, Parent Grant RF1 AG047866, PI Robert Green, Total Subcontract \$66,221
2015-2017	PI, "Effect of Estrogen on Working Memory During Stress," National Institute on Aging R21 AG046464, Total \$453,125
2014-2016	PI, "Stereotype Threat in Older Adults," National Institute on Aging R01 AG046464, Total \$493,500
2013-2015	Co-PI, "A Neuroeconomic Study of Choice Consistency in Aging," National Institute on Aging R21 AG046917, Total \$453,750
2011-2016	PI, "Aging and Emotional Memory," National Institute on Aging R01 AG025340, Total \$1,684,759
2010-2015	PI, "The Effects of Stress on Neural Processing of Reward and Risk," National Institute on Aging R01 AG038043, Total \$1,660,500

### Grants (PI or co-PI; co-I roles not listed)

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	PI, "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	PI, "The Impact of Emotion Regulation on Cognition in Aging," National Institute on Aging R01 AG025340, Total \$955,581
2001-2004	PI, "Remembering Choices," National Science Foundation #0112284, Total \$211,139
2000-2001	"Remembering Decisions," Stanford Center on the Demography and Economics of Health and Aging

### Journal Articles

1. Min, J., Koenig, J., Nashiro, K., Yoo, H. J., Cho, C., Thayer, J. F., Mather, M. (in press). Heart rate variability is associated with neural adaptation when repeatedly exposed to emotional stimuli. *Neuropsychologia*.
2. Sible, I. J., Jang, J. Y., Blanken, A. E., Alitin, J. P. M., Engstrom, A., Dutt, S., Marshall, A. J., Kapoor, A., Shenasa, F., Gaubert, A., Nguyen, A., Ferrer, F., Bradford, D. R., Rodger, K. E., Mather, M., Han, S. D., Nation, D. A. (2024). Short-term blood pressure variability and brain functional network connectivity in older adults. *NeuroImage:Reports*, 4, 100198.
3. Bachman, S. L., Cole, S., Yoo, H. J., Nashiro, K., Min, J., Mercer, N., Nasser, P., Thayer, J. F., Lehrer, P., & Mather, M. (2023). Daily heart rate variability biofeedback training decreases locus coeruleus MRI contrast in younger adults in a randomized clinical trial. *International Journal of Psychophysiology*, 193, 112241.
4. Dahl, M. J., Bachman, S. L., Dutt, S., Düzel, S., Bodammer, N. C., Lindenberger, U., Kühn, S., Werkle-Bergner, M., & Mather, M. (2023). The integrity of dopaminergic and noradrenergic brain regions is associated with different aspects of late-life memory performance. *Nature Aging*, 3, 1128-1143.
5. Dahl, M. J., Kulesza, A., Werkle-Bergner, M., & Mather, M. (2023). Declining locus coeruleus-dopaminergic and noradrenergic modulation of long-term memory in aging and Alzheimer's disease. *Neuroscience and Biobehavioral Reviews*, 153, 105358.
6. Bachman, S. L., Attanti, S., & Mather, M. (2023). Isometric handgrip exercise speeds working memory responses in younger and older adults. *Psychology and Aging*, 38(4), 305-322.
7. Cho, C., Yoo, H. J., Min, J., Nashiro, K., Thayer, J. F., Lehrer, P., & Mather, M. (2023). Changes in medial prefrontal cortex mediate effects of heart rate variability biofeedback on positive emotional memory biases. *Applied Psychophysiology and Biofeedback*, 48, 135-147.
8. Ehrenberg, A. J., et al. (2023). Priorities for research on neuromodulatory subcortical systems in Alzheimer's disease: Position paper from the NSS PIA of ISTAART. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*, 19, 2182-2196.

9. Liu, K. Y., Whitsel, E. A., Heiss, G., Palta, P., Reeves, S., Lin, F. V., Mather, M., Roiser, J. P., Howard, R. (2023). Heart rate variability and risk of agitation in Alzheimer's disease: the Atherosclerosis Risk in Communities study. *Brain Communications*, 5, fcad269.
10. Min, J., Koenig, J., Nashiro, K., Yoo, H. J., Cho, C., Thayer, J. F., Mather, M. (2023). Sex differences in neural correlates of emotion regulation in relation to resting heart rate variability. *Brain Topography*, 36, 698-709.
11. Min, J., Rouanet, J., Martini, A. C., Nashiro, K., Yoo, H. J., Porat, S., Cho, C., Wan, J., Cole, S. W., Head, E., Nation, D. A., Thayer, J. F., & Mather, M. (2023). Modulating heart rate oscillation affects plasma amyloid beta and tau levels in younger and older adults. *Sci Rep*, 13(1), 3967.
12. Nashiro, K., Min, J., Yoo, H. J., Cho, C., Bachman, S. L., Dutt, S., Thayer, J. F., Leher, P., Feng, T., Mercer, N., Nasser, P., Wang, D., Chang, C., Marmarelis, V. Z., Narayanan, S., Nation, D. A., & Mather, M. (2023). Increasing coordination and responsivity of emotion-related brain regions with a heart rate variability biofeedback randomized trial. *Cognitive, Affective, and Behavioral Neuroscience*, 23(1), 66–83.
13. Nashiro, K., Yoo, H. J., Cho, C., Min, J., Feng, T., Nasser, P., Bachman, S. L., Leher, P., Thayer, J. F., & Mather, M. (2023). Effects of a 5-week heart rate variability biofeedback intervention on cognitive function: possible benefits for inhibitory control. *Applied Psychophysiology and Biofeedback*, 48(1), 35–48.
14. Sible, I., Jang, J., Dutt, S., Yew, B., Alitin, J.P., Li, Y., Blanken, A., Ho, J., Marshall, A., Kapoor, A., Shenasa, F., Gaubert, A., Nguyen, A., Sturm, V., Mather, M., Rodgers, K., Shao, X., Wang, D., Nation, D. (2023). Older adults with higher blood pressure variability exhibit cerebrovascular reactivity deficits. *American Journal of Hypertension*, 36(1), 63–68.
15. Sible, I.J., Yoo, H. J., Min, J., Nashiro, K., Chang, C., Nation, D.A., & Mather M. (2023). Short-term blood pressure variability is inversely related to regional amplitude of low frequency fluctuations in older and younger adults. *Aging Brain*, 4.
16. Yoo, H. J., Nashiro, K., Min, J., Cho, C., Mercer, N., Bachman, S. L., Nasser, P., Dutt, S., Porat, S., Choi, P., Zhang, Y., Grigoryan, V., Feng, T., Thayer, J. F., Lehrer, P., Chang, C., Stanley, J. A., Marmarelis, V. Z., Narayanan, S., . . . Mather, M. (2023). Multimodal neuroimaging data from a 5-week heart rate variability biofeedback randomized clinical trial. *Scientific Data*, 10, 503.
17. Bachman, S. L., Nashiro, K., Yoo, H. J., Wang, D., Thayer, J. F. & Mather, M. (2022). Associations between locus coeruleus MRI contrast and physiological responses to acute stress in younger and older adults. *Brain Research*, 1796, 148070.
18. Barber, S. J., Schoeke, A., Mather, M. (2022). Age differences in interpreting the valence of ambiguous facial expressions: evidence for multiple contributing processes. *Aging, Neuropsychology, and Cognition* 29(4), 720-732
19. Dahl, M. J., Mather, M., Werkle-Bergner, M. (2022). Noradrenergic modulation of rhythmic neural activity shapes selective attention. *Trends in Cognitive Sciences*, 26 (1), 38-52.
20. Dahl, M. J., Mather, M., Werkle-Bergner, M., Kennedy, B. L., Guzman, S., Hurth, K., Miller, C. A., Qiao, Y., Shi, Y., Chui, H. C., & Ringman, J. M. (2022). Locus coeruleus integrity is related to tau burden and memory loss in autosomal-dominant Alzheimer's disease. *Neurobiology of Aging*, 112, 39-54.

21. Gallant, S. N., Kennedy, B. L., Bachman, S. L., Huang, R., Cho, C., Lee, T. H., & Mather, M. (2022). Behavioral and fMRI evidence that arousal enhances bottom-up selectivity in young but not older adults. *Neurobiology of Aging*, *120*, 149-166.
22. Greening, S. G., Lee, T. H., Burleigh, L., Grégoire, L., Robinson, T., Jiang, X., Mather, M., & Kaplan, J. (2022). Mental imagery can generate and regulate acquired differential fear conditioned reactivity. *Scientific Reports*, *12*(997).
23. Kapoor, A., Yew, B., Jang, J. Y., Dutt, S., Li, Y., Alitin, J. P. M., Gaubert, A., Ho, J. K., Blanken, A. E., Sible, I. J., Marshall, A., Shao, X., Mather, M., Wang, D. J. J., & Nation, D. A. (2022). Older adults with perivascular spaces exhibit cerebrovascular reactivity deficits. *NeuroImage*, 119746.
24. Loprinzi, P., Olafson, D., Scavuzzo, C., Lovorn, A., Mather, M., Frith, E., & Fujiwara, E. (2022). Effects of acute exercise on emotional memory. *Cognition & Emotion*, *36*(4), 660–689.
25. Min, J., Nashiro, K., Yoo, H. J., Cho, C., Nasser, P., Bachman, S. L., Porat, S., Thayer, J. F., Chang, C., Lee, T. H. & Mather, M. (2022). Emotion down-regulation targets interoceptive brain regions while emotion up-regulation targets other affective brain regions. *Journal of Neuroscience*, *42* (14), 2973-2985.
26. Nashiro, K., Yoo, H. J., Min, J., Cho, C., Nasser, P., Zhang, Y., Lehrer, P., Thayer, J. F., and Mather, M. (2022). Effects of a randomised trial of 5-week heart rate variability biofeedback intervention on mind wandering and associated brain function. *Cognitive, Affective, & Behavioral Neuroscience*, *22*, 1349-1357.
27. Porat, S., Sibilia, F., Yoon, J., Shi, Y., Dahl, M. J., Werkle-Bergner, M., Düzel, S., Bodammer, N., Lindenberger, U., Kühn, S., & Mather, M. (2022). Age differences in diffusivity in the locus coeruleus and its ascending noradrenergic tract. *NeuroImage*, *251*, 1, 119022.
28. Yoo, H. J., Nashiro, K., Min, J., Cho, C., Bachman, S. L., Nasser, P., Porat, S., Dutt, S., Grigoryan, V., Choi, P., Thayer, J. F., Lehrer, P., Chang, C., & Mather, M. (2022). Heart rate variability (HRV) changes and cortical volume changes in a randomized trial of five weeks of daily HRV biofeedback in younger and older adults. *International Journal of Psychophysiology*, *181*, 50-63.
29. Bachman, S., Dahl, M. J., Werkle-Bergner, M., Düzel, S., Forlim, C. G., Lindenberger, U., Kühn, S., & Mather, M., (2021). Locus coeruleus MRI contrast is associated with cortical thickness in older adults. *Neurobiology of Aging*, *100*, 72-82.
30. Dutt, S., Li, Y., Mather, M., & Nation, D. A. (2021). Brainstem substructures and cognition in prodromal Alzheimer's disease. *Brain Imaging and Behavior*.
31. Koenig, J., et al., [many coauthors including M. Mather] (2021). Cortical thickness and resting-state cardiac function across the lifespan: A cross-sectional pooled mega-analysis. *Psychophysiology*, *58*(7), e13688.
32. Mather, M. (2021). Noradrenaline in the aging brain: Promoting cognitive reserve or accelerating Alzheimer's disease? *Seminars in Cell & Developmental Biology*, 108-124.
33. Mather, M. (2021). Is there a maximum desirable heart rate variability? *Neuroscience and Biobehavioral Reviews*, *128*, 87-89.
34. Montagnin, A., Martins, B., Sander, D., & Mather, M. (2021). Effects of hunger on emotional arousal responses and attention/memory biases. *Emotion*, *21*, 148-158.
35. Thayer, J., Mather, M., & Koenig, J. (2021). Stress and aging: A neurovisceral integration perspective. *Psychophysiology*, *58*(7), e13804.

36. Dahl, M. J., Mather, M., Sander, M. C., & Werkle-Bergner, M. (2020). Noradrenergic responsiveness preserves selective attention across the adult lifespan. *Journal of Neuroscience*, *40*, 4372-4390.
37. Dutt, S., Li, Y., Mather, M., & Nation, D. A. (2020). Brainstem volumetric integrity in preclinical and prodromal Alzheimer's disease. *Journal of Alzheimer's Disease*, *77*, 1579-1594.
38. Gallant, S. N., Durbin, K. A., Mather, M. (2020). Age differences in vulnerability to distraction under arousal. *Psychology and Aging*, *35*, 780-791.
39. Kennedy, B. L., Huang, R., & Mather, M. (2020). Age differences in emotion-induced blindness: Positivity effects in early attention. *Emotion*, *20*, 1266-1278.
40. Lee, T. H., Kim, S. H., Katz, B., Mather, M. (2020). Declines in intrinsic connectivity between the salience network and locus coeruleus in older adults: implications for distractibility. *Frontiers in Aging Neuroscience*, *12*(2).
41. Mather, M. (2020). How do cognitively stimulating activities affect cognition and the brain throughout life? *Psychological Science in the Public Interest*, *21*, 1-5.
42. Mather, M. (2020). Commentary on aging and positive mood: Longitudinal neurobiological and cognitive correlates. *American Journal of Geriatric Psychiatry*, *28*, 957-958.
43. Mather, M. (2020). Introduction to the 2017 J. Don Read Early Career Award: Sarah J. Barber. *Journal of Applied Research in Memory and Cognition*, *9*, 271-273.
44. Mather, M., Huang, R., Clewett, D., Nielsen, S. E., Velasco, R., Tu, K., Han, S., & Kennedy, B. (2020). Isometric exercise facilitates attention to salient events in women via the noradrenergic system. *NeuroImage*, *210*, 116560.
45. Nasserri, P., Herrera, A. Y., Gillette, K., Faude, S., White, J. D., Velasco, R., & Mather, M. (2020). Hormonal contraceptive phases matter: Resting-state functional connectivity of emotion-processing regions under stress. *Neurobiology of Stress*, *13*, 100276.
46. Raffington, L., Falck, J., Heim, C., Mather, M., Shing, Y. L. (2020). Effects of stress on 6-to-7-year-old children's emotional memory differs by gender. *Journal of Experimental Child Psychology*, *199*, 104924.
47. Sun, W., Tang, Y., Qiao, Y., Ge, X., Mather, M., Ringman, J., Shi, Y. (2020). A probabilistic atlas of locus coeruleus pathways to transentorhinal cortex for connectome imaging in Alzheimer's disease. *NeuroImage*, *223*, 117301.
48. Ycaza Herrera, A., Velasco, R., Faude, S., White, J., Opitz, P. C., Huang, R., Tu, K., Mather, M. (2020). Brain activity during a post-stress working memory task differs between the hormone-present and hormone-absent phase of hormonal contraception. *Neurobiology of Stress*, *13*, 100248.
49. Betts, M. J., Kirilina, E., Otaduy, M., Ivanov, D., Acosta-Cabronero, J., Callaghan, M., Lambert, C., Cardenas-Bianco, A., Pine, K., Passamonti, L., Loane, C., Keuken, M. C., Trujillo, P., Lusebrink, F., Mattern, H., Liu, K., Priovoulos, N., Fließbach, K., Dahl, M. J., Maaß, A., Madelung, C. F., Meder, D., Ehrenberg, A. J., Speck, O., Weiskopf, N., Dolan, R., Inglis, B., Tosun, D., Morawski, M., Zucca, F. A., Siebner, H. R., Mather, M., Uludag, K., Heinsen, H., Poser, B. A., Howard, R., Zecca, L., Rowe, J. B., Grinberg, L. T., Jacobs, H. I. L., Düzel, E., Hammerer, D. (2019). Locus coeruleus imaging as a biomarker for noradrenergic dysfunction in neurodegenerative diseases. *Brain*.
50. Dahl, M. J., Mather, M., Düzel, S., Bodammer, N. C., Lindenberger, U., Kühn, S., & Werkle-Bergner, M. (2019). Rostral locus coeruleus integrity is associated with better memory performance in older adults. *Nature Human Behaviour*, *3*, 1203-1214.

51. Durbin, K. A., Barber, S. J., Brown, M., & Mather, M. (2019). Optimism for the future in younger and older adults. *Journals of Gerontology. Series B, Psychological Sciences and Social Sciences*, *74*, 565-574.
52. Sakaki, M., Ueno, T., Ponzio, A., Harley, C., & Mather M. (2019). Emotional arousal amplifies competitions across goal-relevant representation: A neurocomputational framework, *Cognition*, *187*, 108-125.
53. Ycaza Herrera, A., Faude, S., Nielsen, S., Locke, M., & Mather, M. (2019). Effects of hormonal contraceptive phase and progestin generation on stress-induced cortisol and progesterone release. *Neurobiology of Stress*, *10*.
54. Ycaza Herrera A., Wang J., Mather M. (2019). The gist and details of sex differences in cognition and the brain: how parallels in sex differences across domains are shaped by the locus coeruleus and catecholamine systems. *Progress in Neurobiology*, *176*, 120-133.
55. Clewett, D., Huang, R., Velasco, R., Lee, T. H., Mather, M. (2018). Locus coeruleus activity strengthens prioritized memories under arousal. *Journal of Neuroscience*, *38*, 1462-1471.
56. Durbin, K. A., Clewett, D., Huang, R., & Mather, M. (2018). Age differences in selective memory of goal-relevant stimuli under threat. *Emotion*, *18*(6), 906-911.
57. Lee, T. H., Greening, S. G., Ueno, T., Clewett, D., Ponzio, A., Sakaki, M., & Mather, M. (2018). Arousal increases neural gain via the locus coeruleus-norepinephrine system in younger adults but not in older adults. *Nature Human Behaviour*, *2*, 356-366.
58. Martins, B., Florjanczyk, J., Jackson, N. J., Gatz, M., & Mather, M. (2018). Age differences in cognitive effort of emotion regulation: Pupil response distinguishes reappraisal and distraction for older but not younger adults. *Psychology and Aging*, *33*(2), 338-349.
59. Mather, M., & Fanselow, M. S. (2018). Editorial overview: Interactions between emotion and cognition. *Current Opinion in Behavioral Sciences*, *19*, iv-vi.
60. Mather, M., & Thayer, J. (2018). How heart rate variability affects emotion regulation brain networks. *Current Opinion in Behavioral Sciences*, *19*, 98-104.
61. Sutherland, M. R., & Mather, M. (2018). Arousal (but not valence) amplifies the impact of salience. *Cognition and Emotion*, *32* (3), 616-622.
62. Yoo, H. J., Thayer, J. F., Greening, S., Lee, T. H., Ponzio, A., Min, J., Sakaki, M., Nga, L., Mather, M., & Koenig, J. (2018). Brain structural concomitants of resting state heart rate variability in the young and old—Evidence from two independent samples. *Brain Structure and Function*, *223*, 727-737.
63. Barber, S. J., Castellon, J. J., Opitz, P., & Mather, M. (2017). Younger and older adults' collaborative recall of shared and unshared emotional pictures. *Memory & Cognition*, *45*, 716-730.
64. Clewett, D., Sakaki, M., Huang, R., Nielsen, S. E., & Mather, M. (2017). Arousal amplifies biased competition between high and low priority memories more in women than in men: the role of elevated noradrenergic activity. *Psychoneuroendocrinology*, *137*, 1-14.
65. Clewett, D., Sakaki, M., Nielsen, S., Petzinger, G., & Mather, M. (2017). Noradrenergic mechanisms of arousal's bidirectional effects on episodic memory. *Neurobiology of Learning and Memory*, *137*, 1-14.

66. Mather, M., Yoo, H. J., Clewett, D. V., Lee, T. H., Greening, S. G., Ponzio, A., Min, J., Thayer, J. F. (2017). Higher locus coeruleus MRI contrast is associated with lower parasympathetic influence over heart rate variability. *NeuroImage*, 329-335.
67. Nashiro, K., Guevara-Aguirre, J., Braskie, M., Hafzalla, G., Velasco, R., Balasubramian, P., Wei, M., Thompson, P., Mather, M., Nelson, M. Guevara, A., Teran, E., & Longo, V. (2017). Brain structure and function associated with younger adults in growth hormone receptor deficient humans. *Journal of Neuroscience*, 37, 1696-1707.
68. Nashiro, K. Sakaki, M., Braskie, M. N., & Mather, M. (2017). Resting-state networks associated with cognitive processing show more age-related decline than those associated with emotional processing. *Neurobiology of Aging*, 54, 152-162.
69. Sutherland, M.R., McQuiggan, D.A., Ryan, J.D., Mather, M. (2017). Perceptual salience does not influence emotional arousal's impairing effects on top-down attention. *Emotion*, 17, 700-706.
70. Ycaza Herrera, A., Hodis, H. N., Mack, W. J., Mather, M. (2017). Estradiol therapy after menopause mitigates effects of stress on working memory. *Journal of Clinical Endocrinology & Metabolism*.
71. Barber, S. J., Opitz, P. C., Martins, B., Sakaki, M., Mather, M. (2016). Thinking about a limited future enhances the positivity of younger and older adults' recall: Support for Socioemotional Selectivity Theory. *Memory & Cognition*, 44, 869-882.
72. Clewett, D., Lee, T. H., Greening, S., Ponzio, A., Margalit, E., & Mather, M. (2016). Neuromelanin marks the spot: Identifying a locus coeruleus biomarker of cognitive reserve in healthy aging. *Neurobiology of Aging*, 37, 117-126.
73. Doré, B.P., Meksin, R., Mather, M., Hirst, W., & Ochsner, K.N. (2016). Highly accurate prediction of emotions surrounding the attacks of September 11, 2001 over 1-, 2-, and 7-year prediction intervals. *Journal of Experimental Psychology: General*, 145, 788-795.
74. Greening, S., Lee, T. H., Mather, M. (2016). Individual differences in anticipatory somatosensory cortex activity for shock is positively related with trait anxiety and multisensory integration. *Brain Sciences*, 6, 2.
75. Herrera, A. Y., Nielsen, S., & Mather, M. (2016). Stress-induced increases in progesterone and cortisol in naturally cycling women. *Neurobiology of Stress*, 3, 96-104.
76. Martins, B., Sheppes, G., Gross, J. J., & Mather, M. (2016). Age differences in emotion regulation choice: Older adults use distraction less than younger adults in high intensity positive contexts. *Journal of Gerontology: Psychological Sciences*.
77. Mather, M. (2016). The affective neuroscience of aging. *Annual Review of Psychology*, 67, 213-238.
78. Mather, M. (2016). Commentary: Modulation of Prepulse Inhibition and Startle Reflex by Emotions: A Comparison between Young and Older Adults. *Frontiers Aging Neuroscience*, 8.
79. Mather, M., Clewett, D., Sakaki, M., & Harley, C. W. (2016). Norepinephrine ignites local hot spots of neuronal excitation: How arousal amplifies selectivity in perception and memory. *Behavioral and Brain Sciences*, 39, e200.
80. Mather, M., Clewett, D., Sakaki, M., & Harley, C. W. (2016). GANEing traction: The broad applicability of NE hotspots to diverse cognitive and arousal phenomena. *Behavioral and Brain Sciences*, 39, e228.

81. Mather, M., & Harley, C.W. (2016). The locus coeruleus: Essential for maintaining cognitive function and the aging brain. *Trends in Cognitive Sciences*, *20*, 214-226.
82. Sakaki, M., Yoo, H. J., Nga, L., Lee, T. H., Thayer, J., & Mather, M. (2016). Heart rate variability is associated with amygdala functional connectivity with MPFC across younger and older adults. *NeuroImage*, *139*, 44-52.
83. Barber, S. J., Mather, M., & Gatz, M. (2015). How stereotype threat affects healthy older adults' performance on clinical assessments of cognitive decline: The key role of regulatory fit. *The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences*, *70*, 891-900. doi: 10.1093/geronb/gbv009.
84. Greening, S. G., & Mather, M. (2015). How arousal influences neural competition: What dual competition does not explain. *Behavioral and Brain Sciences*, *38*, e77.
85. 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*, *55*, 36-52.
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## Chapters and Book Reviews

- Mather, M. (2020). The locus coeruleus-norepinephrine system role in cognition and how it changes with aging. In *The Cognitive Neurosciences*, 6th edition, edited by David Poeppel, George Mangun and Michael Gazzaniga, MIT Press, pp. 91-104.
- Mather, M., (2020). How arousal-related neurotransmitter systems compensate for age-related decline. In Gutches, A. & Thomas, A., ed. *The Cambridge Handbook of Cognitive Aging: A Life Course Perspective*. Cambridge University Press, pp. 148-172.
- Kennedy, B. L. & Mather, M. (2019). Neural mechanisms underlying age-related changes in attentional selectivity. In G Samanez-Larkin (Ed.) *The Aging Brain: Functional Adaptation Across Adulthood*. Washington DC: American Psychological Association, pp. 45-72.
- Martins, B., & Mather, M. (2016). 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*, 9-29.
- Mather, M., & Ponzio, A. (2016). Emotion and aging. In L. Feldman Barrett, M. Lewis, & J. Haviland-Jones (Eds.), *Handbook of Emotions*.
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- 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.

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## Invited Talks

### 2024

Interdisciplinary Tutorial Workshop on Aging & Brain Health, Aspen, CO  
Epstein Family Alzheimer's Disease Investigator's Meeting, Alzheimer's Therapeutic Research Institute, San Diego, CA  
NeuroSchool seminar, Aix-Marseille University, Marseille, France  
Distinguished Speaker, UC Irvine Institute for Memory Impairments and Neurological Disorders

### 2023

Keynote Speaker, International Organization of Psychophysiology, Geneva, Switzerland  
Max Planck Institute for Human Development, Berlin, Germany  
Epstein Family Alzheimer's Disease Investigator's Meeting, Alzheimer's Therapeutic Research Institute, San Diego, CA

### 2022

Swiss Center for Affective Sciences, University of Geneva, Switzerland  
Cognition, Brain, and Behavior Seminar, University of Texas, Austin  
Keynote Speaker, Cognitive Aging Conference, Atlanta Georgia  
Integrated Brain and Behavior Research Center International Meeting, University of Haifa, Israel  
Southern California Alzheimer's Disease Centers Research Symposium, UC Irvine  
Neuroscience Speaker Series, Claremont Colleges  
Department of Psychological Sciences, Rice University

### 2021

Goizueta Alzheimer's Disease Research Center and Center for Neurodegenerative Disease Seminar, Emory  
Psychology Department, University of New South Wales, Australia  
Affective Science Seminar, Department of Psychology, Stanford University  
Distinguished Lecture, Center for Cognitive Neuroscience, Duke

### 2020

Edwin Ghiselli Lecture, Department of Psychology, UC Berkeley  
Rotman Research Institute Conference on Mental Health and Well-Being, Toronto, Canada  
NIH National Advisory Council on Aging, Bethesda, Maryland  
Reading Emotions Symposium, University of Reading, UK  
One World Cognitive Psychology Seminar, University of Mannheim, Germany

Neuroscience Graduate Program Seminar, Brown University  
Distinguished Speaker in Behavioral and Brain Sciences, Department of Psychology, Cornell University [cancelled due to COVID]

## **2019**

Invited Address, Society for Psychophysiological Research, Washington DC  
Distinguished Visiting Speaker, Department of Psychological and Brain Sciences at Washington University, St. Louis, Missouri  
Chair and Invited Speaker, National Academies of Sciences Workshop on 'Leveraging Insights and Approaches from Social and Affective Neuroscience to Promote Adaptive Aging,' Washington, DC  
Neuroeconomics Seminar, Department of Economics and Zurich Center for Neuroeconomics, University of Zurich, Switzerland  
Dallas Aging Conference, Dallas, TX  
Southern California Learning and Memory Symposium, UCLA  
Gordon Conference on Catecholamines, Newry, Maine  
Locus Coeruleus Imaging Conference, Magdeburg, Germany  
International Graduate School of Neuroscience Annual Conference, 'Molecular and Neural Correlates of Memory and Cognition', Bochum, Germany

## **2018**

Keynote Speaker, European Society for Cognitive and Affective Neuroscience, Leiden, The Netherlands  
Center for the Neurobiology of Learning and Memory Colloquium, University of California Irvine  
Anchor Talk, Social and Affective Neuroscience Society, Brooklyn, NY  
Faculty Speaker, Summer School in Social Neuroscience and Neuroeconomics, Duke University  
Faculty Speaker, Summer Institute in Cognitive Neuroscience, Tahoe, California  
National Institute on Aging Workshop on Neural Processes of Affective Change in Aging, Washington DC  
Max Planck Sabbatical Award Laureate Lecture, Max Planck Society Section Meeting, Berlin, Germany  
Jacquelin Goldman Developmental Lecture, University of Florida

## **2017**

Interdisciplinary Perspectives on Memory Conference, University of Virginia  
TED-style talk, Society for Affective Science, Boston, MA  
Fred Attneave Memorial Lecture, Psychology Department, University of Oregon  
APA Division 3 Nominated Speaker (Society for Experimental Psychology and Cognitive Science), Spielberger EMPathy Symposium, American Psychological Association,  
Featured faculty speaker, Washington, DC Neuroscience Graduate Program Retreat, USC  
Integrative Cell Signaling and Neurobiology of Metabolism Program, Yale University

## **2016**

UC Davis Center for Mind & Brain Exploring the Mind Series Colloquium  
University of Massachusetts Amherst Neuroscience and Behavior Program Colloquium  
International Conference on Science and Society, EMBL, Heidelberg, Germany

## **2015**

University of Basel, Division of Cognitive and Decision Sciences Colloquium, Basel, Switzerland  
Decision Neuroscience and Aging Conference, Miami, Florida  
Physikalisch-Technische Bundesanstalt, in-vivo-MRT group, Braunschweig, Germany  
Yale International Conference on Memory and Attention (MEMfest)  
14th Annual Southern California Learning & Memory Symposium, UCLA  
Society for Neuroeconomics Annual Meeting, Invited Kavli Neuroscience Workshop, Miami, Florida  
Princeton University Psychology Department Colloquium  
USC Brain and Creativity Institute  
USC Behavioral Neurology

## **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**

Keynote Speaker, Italian IVth National Congress of Psychology and Aging, Italy  
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  
International Society for Behavioral Neuroscience Annual Meeting, England  
NIH/BSR Neuroeconomics and Aging Workshop  
Western Psychological Association Annual Meeting  
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 6<sup>th</sup> 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>
2005-2015	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, &amp; Cognition</i>
2007-2008	Editorial Board, <i>Psychological Science</i>
2009-2018	Consulting Editor, <i>Journal of Experimental Psychology: General</i>
2011	Guest Editor, Special Section on Aging in <i>Social Cognitive and Affective Neuroscience</i>
2011-2015	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>
2015-2017	Editorial Board, <i>Journals of Gerontology: Psychological Sciences</i>
2016-2018	Consulting Editor, <i>Emotion</i>
2016-2017	Guest Editor, <i>Current Opinion in Behavioral Sciences</i>

- 2020-2021 Guest Editor, Special issue on 'Aging in the Nervous System' in *Seminars in Cell and Developmental Biology*
- 2022-2023 Guest Editor, Special issue on 'Neuromodulatory Systems in Aging and Disease' in *Neuroscience and Biobehavioral Reviews*

### Grant Reviews

- 2022 NIA Special Emphasis Panel (Exercise and Alzheimer's Disease)
- 2020 NIH Special Emphasis Panel (Adult Psychopathology and Disorders of Aging), Member
- 2020 UK BBSRC, Reviewer
- 2019 National Science Foundation, Reviewer
- 2018 Medical Research Council, United Kingdom, Reviewer
- 2018 ANR (French national research agency), Reviewer
- 2018 National Science Center, Poland, Reviewer
- 2018 Netherlands Organisation for Scientific Research, Veni Grant Reviewer
- 2018 National Science Foundation, Reviewer
- 2018 German-Israeli Foundation for Scientific Research and Development, Reviewer
- 2017 NIH Cognition and Perception Study Section Temporary Member
- 2017 Netherlands Organisation for Scientific Research, Reviewer
- 2017 United States - Israel Binational Science Foundation, Reviewer
- 2016 NIH Cognition and Perception Study Section Temporary Member
- 2015-2016 Medical Research Council, United Kingdom, Reviewer
- 2015 Velux Stiftung, Switzerland, Reviewer
- 2015 Biotechnology and Biological Sciences Research Council, UK, Reviewer
- 2015 Israel Science Foundation, Reviewer
- 2014 Netherlands Organisation for Scientific Research, Reviewer
- 2010-2013 NIH Social Psychology, Personality and Interpersonal Processes Study Section Member
- 2012 Expert reviewer for NIH evaluation of Pioneer Award funding mechanism
- 2004-5, 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

## Ad hoc Reviewer

*Acta Psychologica*  
*Aging, Neuropsychology, and Cognition*  
*Ageing Research Reviews*  
*American Journal of Geriatric Psychiatry*  
*Applied Cognitive Psychology*  
*Attention, Perception, & Psychophysics*  
*American Sociological Review*  
*Behavior Research and Therapy*  
*Beh. Res. Meth., Instruments, & Computers*  
*Biological Psychiatry*  
*Biological Psychology*  
*Brain and Cognition*  
*Brain Structure and Function*  
*Brain Research*  
*British Journal of Psychology*  
*Cells*  
*Cerebral Cortex*  
*Cognition*  
*Cognition and Emotion*  
*Cognitive, Affective, and Behavioral Neurosci.*  
*Cortex*  
*Current Directions in Psychological Science*  
*eLife*  
*Emotion*  
*Emotion Review*  
*European Journal of Neuroscience*  
*Frontiers in Behavioral 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*  
*JCI Insight*  
*Journal of Alzheimer's Disease*  
*J. of Applied Res. in Memory and Cognition*  
*Journal of Beh. Ther. and Exptl. Psychiatry*  
*Journal of Cognitive Neuroscience*  
*Journal of Experimental Psychology: LMC*  
*Journal of Experimental Psychology: General*  
*Journal of Gerontology: Psychological Sci.*  
*Journal of the Intl. Neuropsychological Soc.*  
*Journal of Memory and Language*  
*Journal of Neuroscience*  
*Journal of Personality and Social Psychology*  
*Journal of Politics*  
*Journal of Vision*  
*Memory*  
*Memory & Cognition*  
*Motivation Science*  
*Nature Aging*  
*Nature Communication*  
*Nature Human Behavior*  
*Nature Neuroscience*  
*Neurobiology of Aging*  
*Neurobiology of Learning and Memory*  
*Neuropsychologia*  
*Neuroscience & Biobehavioral Review*  
*NeuroImage*  
*NeuroReport*  
*Perspectives on Psychological Sciences*  
*PLOS One*  
*Proc. of the Natl. Academy of Sciences*  
*Psychiatry Research*  
*Psychological Bulletin*  
*Psychological Medicine*  
*Psychological Reports*  
*Psychological Research*  
*Psychological Review*  
*Psychological Science*  
*Psychology and Aging*  
*Psychoneuroendocrinology*  
*Psychonomic Bulletin & Review*  
*Psychophysiology*  
*Quarterly J. of Experimental Psychology*  
*Science Advances*  
*Scientific Reports*  
*Social and Personality Psychology Compass*  
*Social Cognition*  
*Social Cognitive and Affective Neuroscience*  
*Social Psychological and Personality Sci.*  
*Trends in Cognitive Science*

## Professional Service

2023-2025	Member, Board on Behavioral, Cognitive, and Sensory Sciences (BBCSS) at the National Academies of Sciences, Engineering and Medicine
2019-2020	Chair, Steering Committee, National Academies of Sciences workshop on Leveraging Insights and Approaches from Social and Affective Neuroscience to Promote Adaptive Aging.
2018	Reviewer, NIA concept proposals for National Academies
2017	Ad Hoc Professional Committee for Promotion Review, Interdisciplinary Center (IDC) Herzliya Israel
2016	Department External Review Team Member, Department of Psychology, Washington University, St. Louis, MO.
2014	Search Committee Member, <i>Cognitive, Affective, and Behavioral Neuroscience</i> 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

### Current Service

2011-present	Proposals Review Committee, Dornsife Cognitive Neuroimaging Center
2008-present	Creator and administrator of university-wide Healthy Minds community subject pool

2022-2023	Chair, Tenure Review Committee, Leonard Davis School
2022-2023	Chair, Awards Committee, Leonard Davis School
2022-2023	Member, Gerontology PhD Committee
2023-present	Head, Gerontology PhD Website Redesign
2022-2023	Member, Gerontology Search Committee
2023-present	Member, Gerontology Space Committee
2022-2023	Chair, Gerontology Senior Search Committee
2023-present	Member, Gerontology Full Professor Promotion Committee

### **Past Service**

2022	USC Office of Research Proposal Reviewer (WiSTEM2D Scholar Awards)
2016-2021	Leonard Davis School of Gerontology Assistant Dean of Academic and Faculty Affairs
2020-2021	Chair, Gerontology Faculty Council
2019-2020	Member, Gerontology Faculty Council
2019-2020	Member, Psychology Department Committee for promotion to Associate Research Professor
2019-2020	Selection committee, Navigage Foundation award
2019-2020	Chair, Mid-Career Review Committee, Davis School
2018-2019	Graduate School's Task Force for Advanced PhD Fellowships
2019-2020	Task Force for Endowed Fellowships, USC Office of the Provost
2016-2019	Neuroscience Graduate Program Admissions Committee
2018-2019	Leonard Davis School of Gerontology PhD Committee Member
2018-2019	Outside Member, PEG Committee for promotion to full professor, Marshall School of Business
2018-2019	Committee on Mentoring (joint initiative between the Provost's Office and the Academic Senate)
2017-2018	Chair, Tenure Review Committee, Davis School
2016-2018	Neuroimaging Meeting (NIM) Speaker Series Coordinator
2015	Chair, Mid-Career Review Committee, Davis School
2015-2017	Chair, Social Sciences Recruitment Committee, Davis School
2015-2016	Member, Gerontology cluster hire committee

2015-2017	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	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
2008-2009	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
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, Fellow  
Cognitive Neuroscience Society  
Gerontological Society of America, Fellow  
International Society for Research on Emotion  
Elected Member, Memory Disorders Research Society  
Psychonomic Society