

CURRICULUM VITAE
Andrew P. Yonelinas, Ph.D.
Department of Psychology
University of California
Davis, CA 95616
(530) 754-8289
apyonelinas@ucdavis.edu

CURRENT POSITION

- Associate Director, Center for Mind and Brain,
University of California, Davis
- Professor, Department of Psychology,
University of California, Davis

DEGREES

- Ph.D. (Experimental Psychology) McMaster University, ON, Canada (1995)
- B.Sc. (Cognitive Science) University of Toronto, ON, Canada (1990)

GRANTS (CURRENT)

- *Plasticity, perception and the medial temporal lobes.*
PI – A.P. Yonelinas, CoPIs – Steve Luck, Charan Ranganath, John Henderson.
National Eye Institute R01EY025999-01A1
The proposal aims to determine how regions within the MTL contribute to complex scene perception and visual working memory using a combination of studies examining patients with focal lesions to specific MTL subregions, high-resolution functional magnetic resonance imaging (fMRI), and model-based analyses of results obtained with novel psychophysical paradigms.
- *Age-related brain changes and visual working memory*
CI – A.P. Yonelinas, PI – Steve Luck.
National Institute of Aging P30AG010129 (subproject)
- *Representation and binding of spatial-temporal memories in human hippocampus*
CI – A.P. Yonelinas, PI – Arne Ekstrom
National Institute of Mental Health, R01 MH076856
- The goals of this project are to use high resolution fMRI and intracranial EEG (iEEG) to investigate the role of the hippocampus in spatial navigation.
- *Neuroscience of Cognitive Aging*
PI – Charles DeCarli; Co-Inv: A.P. Yonelinas
National Institute of Mental Health, 1T32AG050061-01A1
- The goals of this project are to support the interdisciplinary training of graduate students and post-doctoral students in the fields related to cognitive aging.

AWARDS

- American Psychological Society's Shahin Hashtroudi Memorial Award for Research in the Area of Human Memory (1996-97)

- University of California Chancellor’s Fellow Award (2001-05; \$25,000)
- The European Brain and Behavior Society (EBBS) International Lecture Award (Sept 2011)
- Elected as a member of the Society for Experimental Psychology (2014) – This is a prestigious scientific society that includes many senior figures in the field including Sigmund Freud and William James (for better or worse).

TEACHING:

PHD AND POST-DOCTORAL SUPERVISING:

<u>Name</u>	<u>Role</u>	<u>Year</u>	<u>Current Position</u>
Joe Hopfinger, PhD	Postdoc	99-00	Professor, UNC Chapel Hill
Victoria Cross, PhD	PhD	97-99	Graduate Coordinator, UC Davis
Ian Dobbins, PhD	PhD	96-01	Professor, Washington U St. Louis
Michele Lazzara, PhD	PhD	96-01	Dir of Admin, Col of Med Chicago
Joel Quamme, BS	PhD	99-04	Assoc Prof, Grand Valley State U
Mark Kishiyama, BS	PhD	99-04	Research Scientist, Cal Dept of Health
Colleen Parks, PhD	Postdoc	04-07	Assoc Prof, U of Nevada Las Vegas
Tali Sharot, PhD	PhD	05-08	Assoc Prof, Univ College London
Rachel Diana, PhD	Postdoc	07-11	Assistant Professor, Virginia Tech
Karen Taylor, PhD	Postdoc	08-09	Postdoc
Rick Addante	PhD stu	07-12	Assis Prof, Cal State San Bernardino
Josh Kohen	PhD stu	08-12	Postdoc, U Texas Dallas
Mariam Aly	PhD stu	08-12	Assistant Professor, Columbia
Wei-Chun Wang	PhD stu	08-12	Postdoc, Duke
Wei-Wei Zhang	Postdoc	11-12	Assistant Professor, UC Riverside
Maureen Ritchey	Postdoc	12-14	Assistant Professor, Boston College
Andrew McMullough	PhD stu	11-	Graduate student
Robin Goodrich	PhD stu	12-	Graduate student
Matt Sauza	PhD stu	13-	Graduate student
Alyssa Borders	PhD stu	13-	Graduate student
Grant Shields	PhD stu	14-	Graduate student

UNDERGRADUATE COURSES

- Introduction to Human Learning and Memory
- Neuropsychology
- Memory Laboratory
- Human Language Processing

GRADUATE COURSES

- Cognitive Neuroscience
- Neuroimaging and Human Memory
- Neuropsychological Theories of Memory
- Computer Programming for Behavioral Sciences

PAPERS PUBLISHED IN REFEREED JOURNALS

(* STUDENT TRAINEE AS FIRST AUTHOR):

- *136. Shields GS, Moons WG, Tewell CA, Yonelinas AP. (2016). The Effect of Negative Affect on Cognition: Anxiety, Not Anger, Impairs Executive Function. *Emotion*. 2016 Apr 21. [Epub ahead of print]
- *135. Shields GS, Lam JC, Trainor BC, Yonelinas AP. (2016). Exposure to acute stress enhances decision-making competence: Evidence for the role of DHEA. *Psychoneuroendocrinology*. 2016 May;67:51-60.
- *134. Kolarik BS, Shahlaie K, Hassan A, Borders AA, Kaufman KC, Gurkoff G, Yonelinas AP, Ekstrom AD. (2016). Impairments in precision, rather than spatial strategy, characterize performance on the virtual Morris Water Maze: A case study. *Neuropsychologia*. 2016 Jan 8;80:90-101
- 133. Ragland JD, Ranganath C, Harms MP, Barch DM, Gold JM, Layher E, Lesh TA, MacDonald AW 3rd, Niendam TA, Phillips J, Silverstein SM, Yonelinas AP, Carter CS. (2015). Functional and Neuroanatomic Specificity of Episodic Memory Dysfunction in Schizophrenia: A Functional Magnetic Resonance Imaging Study of the Relational and Item-Specific Encoding Task. *JAMA Psychiatry*. 2015 Sep;72(9):909-16.
- *132. McCullough AM, Ritchey M, Ranganath C, Yonelinas A. (2015). Differential effects of stress-induced cortisol responses on recollection and familiarity-based recognition memory. *Neurobiol Learn Mem*. 2015 Sep;123:1-10.
- 131. Yonelinas AP, Ritchey M. (2015). The slow forgetting of emotional episodic memories: an emotional binding account. *Trends Cogn Sci*. 2015 May;19(5):259-67.
- *130. Ritchey M, Montchal ME, Yonelinas AP, Ranganath C. (2015). Delay-dependent contributions of medial temporal lobe regions to episodic memory retrieval. *Elife*. Jan 13;4.
- *129. Harlow, I. M., & Yonelinas, A. P. (2014). Distinguishing between the success and precision of recollection. *Memory*,13, 1-14.
- *128. Koen JD, Yonelinas AP. (2014). Recollection, not familiarity, decreases in healthy ageing: Converging evidence from four estimation methods. *Memory*. 2014 Dec 8:1-14.
- 127. Maass A, Schütze H, Speck O, Yonelinas A, Tempelmann C, Heinze HJ, Berron D, Cardenas-Blanco A, Brodersen KH, Enno Stephan K, Düzel E. (2014). Laminar activity in the hippocampus and entorhinal cortex related to novelty and episodic encoding. *Nat Commun*. 2014 Nov 26;5:5547.
- *126. Elfman KW, Yonelinas AP. (2014). Recollection and Familiarity Exhibit Dissociable Similarity Gradients: A Test of the Complementary Learning Systems Model. *J Cogn Neurosci*. 2014 Nov 12:1-17.

- *125. Parks CM, Yonelinas AP. (2014). The Importance of Unitization for Familiarity-Based Learning. *J Exp Psychol Learn Mem Cogn.* 2014 Oct 20.
- *124. Aly M, Wansard M, Segovia F, Yonelinas AP, Bastin C.(2014). Cortical and subcortical contributions to state- and strength-based perceptual judgments. *Neuropsychologia.* 2014 Sep 22;64C:145-156.
- 123. Bastin C, Bahri MA, Miévis F, Lemaire C, Collette F, Genon S, Simon J, Guillaume B, Diana RA, Yonelinas AP, Salmon E. (2014). Associative memory and its cerebral correlates in Alzheimer's disease: evidence for distinct deficits of relational and conjunctive memory. *Neuropsychologia.* 2014 Oct;63:99-106.
- *122. Koen, J. D., & Yonelinas, A. P. (2014). The effects of healthy aging, amnesic mild cognitive impairment, and Alzheimer's disease on recollection and familiarity: a meta-analytic review. *Neuropsychology review*, 24(3), 332-354.
- *121. Elfman KW, Aly M, Yonelinas AP. (2014). Neurocomputational account of memory and perception: Thresholded and graded signals in the hippocampus. *Hippocampus.* 2014 Dec;24(12):1672-86.
- 120. Stratmann G, Lee J, Sall JW, Lee BH, Alvi RS, Shih J, Rowe AM, Ramage TM, Chang FL, Alexander TG, Lempert DK, Lin N, Siu KH, Elphick SA, Wong A, Schnair CI, Vu AF, Chan JT, Zai H, Wong MK, Anthony AM, Barbour KC, Ben-Tzur D, Kazarian NE, Lee JY, Shen JR, Liu E, Behniwal GS, Lammers CR, Quinones Z, Aggarwal A, Cedars E, Yonelinas AP, Ghetti S. (2014). Effect of General Anesthesia in Infancy on Long-Term Recognition Memory in Humans and Rats. *Neuropsychopharmacology.* 10, 1038, 2014-134.
- *119. Wang WC, Montchal ME, Yonelinas AP, Ragland JD. (2014). Hippocampal and parahippocampal cortex volume predicts recollection in schizophrenia.(2014). *Schizophr Res.* 157(1-3):319-20.
- *118. Ozubko JD, Yonelinas AP. (2014). The disruptive effects of processing fluency on familiarity-based recognition in amnesia. *Neuropsychologia.* 54:59-67.
- *117. Ritchey M, Yonelinas AP, Ranganath C. (2014). Functional connectivity relationships predict similarities in task activation and pattern information during associative memory encoding. *J Cogn Neurosci.* 26(5):1085-99.
- *116. Aly M, Ranganath C, Yonelinas AP. (2014). Neural correlates of state- and strength-based perception. *J Cogn Neurosci.* 26(4):792-809.
- *115. Wang WC, Ranganath C, Yonelinas AP. (2014). Activity reductions in perirhinal cortex predict conceptual priming and familiarity-based recognition. *Neuropsychologia.* 2014 Jan;52:19-26.

- *114. Diana RA, Yonelinas AP, Ranganath C. (2013). Parahippocampal Cortex Activation During Context Reinstatement Predicts Item Recollection. *J Exp Psychol Gen.* 142(4):1287-97.
- *113. Koen JD, Aly M, Wang WC, Yonelinas AP. (2013). Examining the Causes of Memory Strength Variability: Recollection, Attention Failure, or Encoding Variability? *J Exp Psychol Learn Mem Cogn.* 39(6):1726-41
- *112. McCullough AM, Yonelinas AP. (2013). Cold-pressor stress after learning enhances familiarity-based recognition memory in men. *Neurobiol Learn Mem.* 106:11-7.
- *111. Aly M, Ranganath C, Yonelinas AP.(2013). Detecting changes in scenes: the hippocampus is critical for strength-based perception. *Neuron.* Jun 19;78(6):1127-37.
- 110. Yonelinas AP. (2013). The hippocampus supports high-resolution binding in the service of perception, working memory and long-term memory. *Behav Brain Res.* 2013 Oct 1;254:34-44.
- 109. Jacoby LL, Wahlheim CN, Yonelinas AP. (2013). The role of detection and recollection of change in list discrimination. *Mem Cognit.* 41(5):638-49.
- *108. Wang WC, Yonelinas AP, Ranganath C. (2013). Dissociable neural correlates of item and context retrieval in the medial temporal lobes. *Behav Brain Res.* 2013 Oct 1;254:102-7.
- 107. Bastin C, Diana RA, Simon J, Collette F, Yonelinas AP, Salmon E. (2013). Associative memory in aging: the effect of unitization on source memory. *Psychol Aging.* 28(1):275-83.
- *106. Hannula DE, Libby LA, Yonelinas AP, Ranganath C. (2013). Medial temporal lobe contributions to cued retrieval of items and contexts. *Neuropsychologia.* 51(12):2322-32
- *105. Libby LA, Yonelinas AP, Ranganath C, Ragland JD. (2013). Recollection and familiarity in schizophrenia: a quantitative review. *Biol Psychiatry.* 73(10):944-50.
- *104. Koen JD, Yonelinas AP. (2013). Still no evidence for the encoding variability hypothesis: a reply to Jang, Mickes, and Wixted (2012) and Starns, Rotello, and Ratcliff (2012). *J Exp Psychol Learn Mem Cogn.* 39(1):304-12.
- *103. Wang W & Yonelinas AP. (2012): Familiarity and conceptual implicit memory: Individual differences and neural correlates. *Cognitive Neuroscience,* 3:3-4, 213-214.
- *102. Wang W & Yonelinas AP. (2012). Familiarity is related to conceptual implicit memory: An examination of individual differences. *Psychonomic Bulletin and Review,* 19(6):1154-64.

101. Yonelinas AP, Jacoby LL. (2012). The process-dissociation approach two decades later: Convergence, boundary conditions, and new directions. *Mem Cognit.* 40(5):663-80.
- *100. Diana RA, Yonelinas AP, Ranganath C. (2012). Adaptation to cognitive context and item information in the medial temporal lobes. *Neuropsychologia.* Nov;50(13):3062-9.
- *99. Addante RJ, Ranganath C, Olichney J, Yonelinas AP. (2012). Neurophysiological evidence for a recollection impairment in amnesia patients that leaves familiarity intact. *Neuropsychologia.* Nov;50(13):3004-14.
- *98. Aly M, Yonelinas AP. (2012). Bridging consciousness and cognition in memory and perception: evidence for both state and strength processes. *PLoS One.* 2012;7(1):e30231.
97. He J, Carmichael O, Fletcher E, Singh B, Iosif AM, Martinez O, Reed B, Yonelinas A, Decarli C. (2012). Influence of functional connectivity and structural MRI measures on episodic memory. *Neurobiol Aging.* 33(11):2612-20.
- *96. Lockhart SN, Mayda AB, Roach AE, Fletcher E, Carmichael O, Maillard P, Schwarz CG, Yonelinas AP, Ranganath C, Decarli C. (2012). Episodic memory function is associated with multiple measures of white matter integrity in cognitive aging. *Front Hum Neurosci.* 6:56.
- *95. Addante RJ, Ranganath C, Yonelinas AP. (2012). Examining ERP correlates of recognition memory: Evidence of accurate source recognition without recollection. *Neuroimage,* 1;62(1):439-50.
94. Ragland JD, Blumenfeld RS, Ramsay IS, Yonelinas AP, Yoon J, Solomon M, Carter CS, Ranganath C (2012). Neural Correlates of Relational and Item-Specific Encoding During Working and Long-Term Memory in Schizophrenia. *Neuroimage.* 16;59(2):1719-26.
92. Ragland JD, Ranganath C, Barch DM, Gold JM, Haley B, Macdonald AW 3rd, Silverstein SM, Strauss ME, Yonelinas AP, Carter CS. (2011). Relational and Item-Specific Encoding (RISE): Task Development and Psychometric Characteristics. *Schizophr Bull.* 38(1):114-24.
- *91. Aly M, Yonelinas AP, Kishiyama MM, Knight RT. (2011). Damage to the lateral prefrontal cortex impairs familiarity but not recollection. *Behav Brain Res.* 20;225(1):297-304.
- *90. Addante RJ, Watrous AJ, Yonelinas AP, Ekstrom AD, Ranganath C. (2011). Prestimulus theta activity predicts correct source memory retrieval. *Proc Natl Acad Sci U S A.* 108(26):10702-7.
- *89. Koen JD, Yonelinas AP. (2011). From humans to rats and back again: Bridging the divide between human and animal studies of recognition memory with receiver operating characteristics. *Learn Mem.* 18(8):519-22.

88. Yeghyan NS, Yonelinas AP. (2011). Encoding details: Positive emotion leads to memory broadening. *Cogn Emot.* 25(7):1255-62.
- *87. Parks CM, Murray LJ, Elfman K, Yonelinas AP. (2011). Variations in recollection: The effects of complexity on source recognition. *J Exp Psychol Learn Mem Cogn.* 37(4):861-73.
86. Ekstrom AD, Copara MS, Isham EA, Wang WC, Yonelinas AP. (2011). Dissociable networks involved in spatial and temporal order source retrieval. *Neuroimage.* 56(3):1803-13.
85. Yonelinas AP, Parks CM, Koen JD, Jorgenson J, Mendoza SP. (2011). The effects of post-encoding stress on recognition memory: examining the impact of skydiving in young men and women. *Stress.* 14(2):136-44.
- *84. Diana RA, Van den Boom W, Yonelinas AP, Ranganath C. (2011). ERP correlates of source memory: unitized source information increases familiarity-based retrieval. *Brain Res.* 1367:278-86.
- *83. Wang WC, Lazzara MM, Ranganath C, Knight RT, Yonelinas AP. (2010). The medial temporal lobe supports conceptual implicit memory. *Neuron.* 68(5):835-42.
- *82. Aly M, Knight RT, Yonelinas AP. (2010). Faces are special but not too special: spared face recognition in amnesia is based on familiarity. *Neuropsychologia.* 48(13):3941-8.
81. Yonelinas AP, Aly M, Wang WC, & Koen JD (2011). Recollection and familiarity: Examining controversial assumptions and new directions. *Hippocampus.* 20 (11), 1178-94.
- *80. Koen JD & Yonelinas AP. (2010). Memory variability is due to the contribution of recollection and familiarity, not to encoding variability. *Journal of Experimental Psychology: Learning, Memory and Cognition.* 36(6):1536-42.
79. Düzel E, Schütze H, Yonelinas AP, Heinze H. (2010). Functional phenotyping of successful aging in long-term memory: Preserved performance in the absence of neural compensation. *Hippocampus.* 21(8):803-14.
78. Ghetti S, DeMaster DM, Yonelinas AP, Bunge SA. (2010). Developmental Differences in Medial Temporal Lobe Function During Memory Encoding. *J Neurosci.* 14;30(28):9548-56.
- *77. Parks CM, Decarli C, Jacoby LL, Yonelinas AP. (2010). Aging Effects on Recollection and Familiarity: The Role of White Matter Hyperintensities. *Neuropsychol Dev Cogn B Aging Neuropsychol Cogn,* 19:1-17.
- *76. Blumenfeld RS, Parks CM, Yonelinas AP, Ranganath C. (2011). Putting the Pieces Together: The Role of Dorsolateral Prefrontal Cortex in Relational Memory Encoding. *J Cogn Neurosci.* 23(1):257-65.

- *75. Diana RA, Yonelinas AP, Ranganath C (2009). Medial Temporal Lobe Activity during Source Retrieval Reflects Information Type, not Memory Strength. J Cogn Neurosci. Aug;22(8):1808-18.
- *74. Parks CM & Yonelinas AP. (2009). Evidence for a Memory Threshold in Second-Choice Recognition Memory Responses. Proc Natl Acad Sci U S A 106(28):11515-9.
- *73. Kishiyama MM, Yonelinas AP., & Knight RT (2009). Novelty Enhancements in Memory are Dependent on Lateral Prefrontal Cortex. Journal of Neuroscience, 29(25):8114-8.
72. Vann SD, Tsivilis D, Denby CE, Quamme JR, Yonelinas AP, Aggleton JP, Montaldi D, Mayes AR. (2009). Impaired recollection but spared familiarity in patients with extended hippocampal system damage revealed by 3 convergent methods. Proc Natl Acad Sci U S A. 106(13):5442-7.
- *71. Haskins AL, Yonelinas AP, Quamme JR, Ranganath C. (2008). Perirhinal cortex supports encoding and familiarity-based recognition of novel associations. Neuron, 59(4):554-60.
- *70. Elfman KW, Parks CM, Yonelinas AP.(2008). Testing a neurocomputational model of recollection, familiarity, and source recognition. J Exp Psychol Learn Mem Cogn. 34(4):752-68.
69. Sauvage MM, Fortin NJ, Owens CB, Yonelinas AP, Eichenbaum H. (2008). Recognition memory: opposite effects of hippocampal damage on recollection and familiarity. Nat Neurosci, 11(1):16-8.
- *68. Diana RA, Yonelinas AP, Ranganath C. (2008). High-resolution multi-voxel pattern analysis of category selectivity in the medial temporal lobes. Hippocampus, 18(6):536-41.
67. Eichenbaum H, Sauvage MM, Fortin NJ, Yonelinas AP.(2008). ROCs in rats? Response to Wixted and Squire. Learn Mem. 15(9):691-3.
- *66. Diana RA, Yonelinas AP, Ranganath C. (2008). The effects of unitization on familiarity-based source memory: testing a behavioral prediction derived from neuroimaging data. J Exp Psychol Learn Mem Cogn. 34(4):730-40.
- *65. Sharot T, Yonelinas AP. (2008). Differential time-dependent effects of emotion on recollective experience and memory for contextual information. Cognition. 106(1):538-47.
- *64. Sharot T, Verfaellie M, Yonelinas AP. (2007). How emotion strengthens the recollective experience: a time-dependent hippocampal process. PLoS ONE, 2(10):e1068.
63. Bowles B, Crupi C, Mirsattari SM, Pigott SE, Parrent AG, Pruessner JC, Yonelinas AP, Köhler S. (2007) Impaired familiarity with preserved recollection after anterior temporal-lobe resection that spares the hippocampus. Proc Natl Acad Sci U S A. 104(41):16382-7.

62. Yonelinas AP, Parks CM. (2007). Receiver operating characteristics (ROCs) in recognition memory: A review. Psychol Bull. 133(5):800-32.
- *61. Diana RA, Yonelinas AP, Ranganath C. (2007). Imaging recollection and familiarity in the medial temporal lobe: a three-component model. Trends Cogn Sci. 11(9):379-86.
60. Yonelinas AP, Widaman K, Mungas D, Reed B, Weiner MW, Chui HC. (2007). Memory in the aging brain: Doubly dissociating the contribution of the hippocampus and entorhinal cortex. Hippocampus. 17(11):1134-40.
59. Eichenbaum H, Yonelinas AP, Ranganath C. (2007). The medial temporal lobe and recognition memory. Annual Review of Neuroscience. 30, 123-152.
- *58. Parks CM, Yonelinas AP. (2007). Moving beyond pure signal-detection models: Comment on Wixted. Psychological Review. 114 (1), 188-202.
- *57. Quamme JR, Yonelinas AP, Norman KA. (2007). Effect of unitization on associative recognition in amnesia. Hippocampus. 17, 192-200.
- *56. Nordahl CW, Ranganath C, Yonelinas AP, Decarli C, Fletcher E, Jagust WJ. (2006). White matter changes compromise prefrontal cortex function in healthy elderly individuals. J Cogn Neurosci. 18(3):418-29.
55. Harrington GS, Tomaszewski Farias S, Buonocore MH, Yonelinas AP. (2006). The intersubject and intrasubject reproducibility of fMRI activation during three encoding tasks: implications for clinical applications. Neuroradiology. 48(7):495-505.
54. Klimesch W, Hanslmayr S, Sauseng P, Gruber W, Brozinsky CJ, Kroll NE, Yonelinas AP, Doppelmayr M. (2006). Oscillatory EEG Correlates of Episodic Trace Decay. Cereb Cortex. 16(2):280-90.
53. Yonelinas AP, Otten LJ, Shaw KN, Rugg MD. (2005). Separating the brain regions involved in recollection and familiarity in recognition memory. J Neurosci. 25(11), 3002-8.
52. Aggleton JP, Vann SD, Denby C, Dix S, Mayes AR, Roberts N, Yonelinas AP. (2005). Sparing of the familiarity component of recognition memory in a patient with hippocampal pathology. Neuropsychologia. 43(12), 1810-23.
- *51. Nordahl CW, Ranganath C, Yonelinas AP, DeCarli C, Reed BR, Jagust WJ. (2005). Different mechanisms of episodic memory failure in mild cognitive impairment. Neuropsychologia. 43(11), 1688-97.
- *50. Brozinsky CJ, Yonelinas AP, Kroll NE, Ranganath C. (2005). Lag-sensitive repetition suppression effects in the anterior parahippocampal gyrus. Hippocampus. 15(5), 557-61.
49. Yonelinas, A.P., Quamme, J.R., Widaman, K.F., Kroll, N.E.A., Sauve, M.J., & Knight, R.T. (2004). Mild Hypoxia Disrupts Recollection, not Familiarity. Cognitive, Affective, & Behavioral Neuroscience, 4, 393-400.

- *48. Dobbins, I.G., Kroll, N.E.A., Yonelinas, A.P., (2004). Dissociating familiarity from recollection using rote rehearsal. Memory and Cognition. 32(6):932-44.
- *47. M. M. Kishiyama, M.M. Yonelinas, A.P. , Kroll, N.E.A., Lazzara, M.M., Nolan, E.C., Jones, E.G. & Jagust, W.J. (2005). Bilateral Anterioromedial thalamic lesions affect recollection- and familiarity-based recognition memory judgments. Cortex, 41(11);1688-1697.
46. Petkov CI, Wu CC, Eberling JL, Mungas D, Zrelak PA, Yonelinas AP, Haan MN, Jagust WJ. (2004). Correlates of memory function in community-dwelling elderly: the importance of white matter hyperintensities. J Int Neuropsychol Soc. 10(3), 371-81.
- *45. Kishiyama, M.M., Yonelinas, A.P., & Lazzara, M.M. (2004). The von Restorff Effect in Amnesia: The Contribution of the Hippocampal System to Novelty-Related Memory Enhancements. Journal of Cognitive Neuroscience. 16(1):15-23.
- *44. Quamme, J.R., Yonelinas, A.P., Widaman, K.F., Kroll, N.E.A., Sauvé, M.J., (2004) Recall and recognition in mild hypoxia: Using covariance structural modeling to test competing theories of explicit memory. Neuropsychologia, 42, 672-91.
43. Ranganath C, Yonelinas AP, Cohen MX, Dy CJ, Tom SM, D'Esposito M (2004). Dissociable Correlates for Recollection and Familiarity within the Medial Temporal Lobes. Neuropsychologia, 42, 2-13.
42. Rugg, M.D., & Yonelinas, A.P. (2003). Human Recognition Memory: A Cognitive Neuroscience Perspective. Trends in Cognitive Science. 7, 313-319.
- *41. Kishiyama, M.M., Yonelinas, A.P. (2003). Novelty effects on recollection and familiarity in recognition memory. Memory and Cognition. 31, 1045-51.
40. Kroll, N.E.A., Yonelinas, A.P., Kishiyama, M.M., Baynes, K., Knight, R.T., Gazzaniga, M.S. (2003). The Neural Substrates of Visual Implicit Memory: Do the Two Hemisphere's Play Different Roles? Journal of Cognitive Neuroscience. 15, 833-42.
39. Yonelinas AP, Kroll NE, Quamme JR, Lazzara MM, Sauve MJ, Widaman KF, Knight RT. (2002). Effects of extensive temporal lobe damage or mild hypoxia on recollection and familiarity. Nature Neuroscience. 5(11), 1236-41.
38. Yonelinas, A.P., & Levy, B.J. (2002). Dissociating familiarity from recollection in human recognition memory: Differences of forgetting over short retention intervals. Psychonomic Bulletin and Review, 9, 575-582.
- *37. Lazzara, M.M., Yonelinas, A.P., & Ober, B.A. (2002). Implicit memory in aging: Normal transfer across semantic decisions and stimulus format. Aging, Neuropsychology & Cognition, 9, 145-156.

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34. Yonelinas, A.P. (2002). The nature of recollection and familiarity: A review of 30 years of research. Journal of Memory and Language, 46, 441-517.
33. Kroll, N.E.A., Yonelinas, A.P., Dobbins, I.G., & Frederick, C.M. (2002). Separating sensitivity from response bias: Implications of comparisons of yes-no and forced-choice tests for models and measures of recognition memory. Journal of Experimental Psychology: General, 131 (2), 241-254.
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31. Klimish, W., Doppelmayr, M., Yonelinas, A.P., Kroll, N.E.A., Lazzara, M., Rohm, D., & Gruber, W. (2001). Theta synchronization during episodic retrieval: Neural correlates of conscious awareness. Cognitive Brain Research, 12 (1), 33-38.
30. Kroll, N.E.A., Rocha, D.A., Yonelinas, A.P., & Baynes, K. (2001) Form-specific visual priming in the left and right hemispheres. Brain and Cognition, 47 (3), 564-569.
29. Yonelinas, A.P. (2001). Components of episodic memory: The contribution of recollection and familiarity. The Philosophical Transactions of the Royal Society, Series B, 356, 1363-1374.
28. Düzel, E., Picton, T.W., Cabeza, R., Yonelinas, A.P., Scheich, H., Heinze, H., & Tulving, E. (2001). Comparative electrophysiological and hemodynamic measures of neural activation during memory-retrieval. Human Brain Mapping, 13, 104-123.
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