

# Curriculum Vitae

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## **EDUCATION**

<i>Degree</i>	<i>Year Conferred</i>	<i>Institution</i>
Ph.D. (Clinical Psychology)	1987	Emory University, Atlanta, GA
M.A. (Clinical Psychology)	1984	Emory University, Atlanta, GA
B.A. (Biology & Psychology)	1981	University of Calif., San Diego

## **HONORS AND AWARDS**

American Psychological Association Master Lecturer (2017)  
Faculty Research Lecturer Award, UCSD (2014)  
Elected Fellow, Association for Psychological Science (2012)  
Howard Crosby Warren Medal (2011)  
Elected Fellow, Association for Behavior Analysis International (2011)  
McGuigan Lecture on Understanding the Human Mind, American Psychological Foundation (2008)  
Elected Fellow, Society of Experimental Psychologists (2004)  
George A. Miller Award for Outstanding Article in General Psychology (APA, Division 1, 2000)  
Distinguished Teaching Award (UCSD Alumni Association, 1995)  
Outstanding Teaching Award (Revelle College, 1992; Warren, 1993, 1996; Muir, 1996)

## **MAJOR RESEARCH INTERESTS**

Memory in animals and humans; consolidation theory and forgetting; signal detection theory and recognition memory; amnesia; eyewitness memory.

## **PROFESSIONAL EXPERIENCE**

*Distinguished Professor*, University of California, San Diego (7/2013 – present)  
*Professor*, University of California, San Diego (7/98-6/2013, Department Chair, 2003-2013)  
*Associate Professor*, University of California, San Diego (7/94-6/98)  
*Assistant Professor*, University of California, San Diego (7/88-6/94)  
*Instructor*, Medical College of Pennsylvania, Philadelphia, PA (9/87-6/88)

## **EXTERNAL SUPPORT**

### **Current:**

- Testing the Accuracy and Reliability of Eyewitness Identification (Laura and John Arnold Foundation, 1/17 – 12/19, \$322,962, PI = Wixted, J. T.)
- Investigating New Ways to Improve Eyewitness Identifications Using Receiver Operating Characteristic Analysis (Economic and Social Research Council, £252,578, 12/01/15-11/01/18, PI = Mickes, L., Co-Investigator = Wixted, J. T.)

### **Past:**

- The Representation of Episodic and Semantic Memory in Single Neurons of the Human Hippocampus (McKnight Foundation, 2/14 – 1/17, \$300,000, Co-PIs = Wixted, J. T. & Squire, L. R.)
- The Role of Diagnostic vs. Non-Diagnostic Facial Features in Eyewitness Identification (NSF, 3/15 – 2/17, \$184,967, PI = Wixted, J. T.)
- Signal-Detection Theory and Eyewitness Memory (NSF, 4/12 – 1/14, \$150,000)
- On the Nature of Recollection (NIH R01, 6/09 – 5/12, \$579,376)
- Signal Detection Theory and Memory for Asymmetric Events (NIH R01, 11/01-7/04, \$339,920)
- Signal Detection Theory and Memory for Asymmetric Events (NIH R01, 9/96-8/99, \$190,759)
- Reinforcement-Based Models of DMTS Performance (NSF, 4/92 - 3/95, \$196,536)
- Serial Memory in Animals (NSF, 8/89 - 7/91, \$90,699)

## **EDITORIAL EXPERIENCE**

Editor-in-Chief:

*Stevens' Handbook of Experimental Psychology and Cognitive Neuroscience* (2018)  
*Psychonomic Bulletin & Review* (1/98-1/02)

Volume Editor:

*Learning and Memory: A Comprehensive Reference* (2017, 2nd Edition, Cognitive Psychology Volume). John Byrne (Ed.).

Associate Editor:

*Cognitive Research: Principles & Implications* (1/2016 – present)  
*Psychological Review* (1/2010 – 1/2015)  
*Cognitive Psychology* (5/02-1/06)  
*Memory & Cognition* (1/97-1/98)  
*Journal of the Experimental Analysis of Behavior* (7/93-8/96)

Board of Editors:

*JEP: General* (2011-present)

*Psychonomic Bulletin & Review* (1995-1998, 2002-present)  
*Psychological Review* (2003-2010, 2015-present)  
*Journal of Applied Research in Memory and Cognition* (2014-present)  
*Annual Review of Psychology* (2002-2006)  
*Learning & Behavior* (1998-2004)  
*JEP: Learning, Memory and Cognition* (1993-1994)  
*Journal of Applied Behavior Analysis* (1992-1994)

## **PROFESSIONAL AFFILIATIONS**

Psychonomic Society  
Association for Psychological Science  
Association for Behavior Analysis  
Society for Neuroscience

## **PUBLICATIONS**

**--2017--**

[Wixted, J. T., Christenfeld, N. J. S. & Rouder, J. N. \(in press\)](#). A Bayesian statistical analysis of the DNA contamination scenario. *Jurimetrics*.

[Wixted, J. T., Goldinger, S. D., Squire, L. R., Kuhn, J. R., Papesh, M. H., Smith, K. A., Treiman, D. M. & Steinmetz, P. N. \(in press\)](#). Coding of episodic memory in the human hippocampus. *Proceedings of the National Academy of Sciences*.

[Wixted, J. T., Mickes, L. & Fisher, R. \(in press\)](#). Rethinking the reliability of eyewitness memory. *Perspectives on Psychological Science*.

[Semmler, C., Dunn, J., Mickes, L. & Wixted, J. T. \(in press\)](#). The Role of Estimator Variables in Eyewitness Identification. *Journal of Experimental Psychology: Applied*.

[Wixted, J. T. & Wells, G. L. \(2017\)](#). The Relationship between Eyewitness Confidence and Identification Accuracy: A New Synthesis. *Psychological Science in the Public Interest*, 18, 10-65.

[Genzel, L. & J. T. Wixted \(2017\)](#). Cellular and systems consolidation of declarative memory. In B. Rasch, & N. Axmacher (Eds.) *Cognitive Neuroscience of Memory Consolidation* (pp. 3-16). Springer.

[Wixted, J. T., Mickes, L., Wetmore, S. A., Gronlund, S. D. & Neuschatz, J. S. \(2017\)](#). ROC Analysis in Theory and Practice. *Journal of Applied Research in Memory and Cognition*, 6, 343-351.

Colloff, M. F., Wade, K. A., Wixted, J. T. & Maylor E. A. (2017). A signal-detection analysis of eyewitness identification across the adult lifespan. *Psychology & Aging*, 32, 243-

258. doi: 10.1037/pag0000168.

[Mickes, L., Seale-Carlisle, T., Wetmore, S. A., Gronlund, S. D., Clark, S. E., Carlson, C. A., Goodsell, C., Weatherford, D. & Wixted, J. T. \(2017\).](#) ROCs in Eyewitness Identification: Instructions versus Confidence Ratings. *Applied Cognitive Psychology*, *31*, 467–477.

[Nguyen, T. B., Pezdek, K. & Wixted, J. T. \(2017\).](#) Evidence for a Confidence-Accuracy Relationship in Memory for Same- and Cross-Race Faces. *Quarterly Journal of Experimental Psychology*, *70*, 2518-2534.

[Amendola, K. L. & Wixted, J. T. \(2017\).](#) The role of site variance in the American Judicature Society field study comparing simultaneous and sequential lineups. *Journal of Quantitative Criminology*, *33*, 1-19.

### --2016--

[Wixted, J. T. \(2016\).](#) Whether eyewitness memory or DNA, contaminated forensic evidence is unreliable. *APS Observer*, *29*(9).

[Wixted, J. T., Mickes, L., Dunn, J. C., Clark, S. E. & Wells, W. \(2016\).](#) Estimating the reliability of eyewitness identifications from police lineups. *Proceedings of the National Academy of Sciences*, *113*, 304-309.

[Wixted, J. T., Read, J. D. & Lindsay, D. S. \(2016\).](#) The effect of retention interval on the eyewitness identification confidence-accuracy relationship. *Journal of Applied Research in Memory and Cognition*, *5*, 192-203.

[Wixted, J. T. \(2016\).](#) From the Pigeon Lab to the Courtroom. *Comparative Cognition & Behavior Reviews*, *11*, 1-23.

[Witt, J. K., Taylor, E. T., Sugovic, M. & Wixted, J. T. \(2016\).](#) Further clarifying signal detection theoretic interpretations of the Mueller-Lyer and sound-induced flash illusions. *Journal of Vision*, *16*, 1-7.

[Dede, A. J. O., Frascino, J. C., Wixted, J. T. & Squire, L. R. \(2016\).](#) Learning and remembering real-world events after medial temporal lobe damage. *Proceedings of the National Academy of Sciences*, *133*, 13480-13485.

[Dede, A. J. O., Frascino, J. C., Wixted, J. T. & Squire, L. R. \(2016\).](#) Autobiographical memory, future imagining, and the medial temporal lobe. *Proceedings of the National Academy of Sciences*, *113*, 13474-13479.

### --2015--

[Wixted, J. T., Mickes, L. \(2015\).](#) ROC Analysis Measures Objective Discriminability for any Eyewitness Identification Procedure. *Journal of Applied Research in Memory & Cognition*, *4*, 329-334.

[Wixted, J. T., Mickes, L. \(2015\).](#) Evaluating Eyewitness Identification Procedures: ROC Analysis and its Misconceptions. *Journal of Applied Research in Memory & Cognition*, *4*, 318-323.

Clark, S. E., Benjamin, A. S., Wixted, J. T., Mickes, L., & Gronlund, S. (2015). Eyewitness identification and the accuracy of the criminal justice system. *Policy Insights from the Behavioral and Brain Sciences*, 2, 175-186.

Squire, L. R., Genzel, L., Wixted, J. T., Morris, R. G. (2015). Memory Consolidation. In E. Kandel, Y. Dudai, & M. Mayford (Eds.) *Perspectives in Biology: Learning and Memory*. Cold Spring Harbor Laboratory Press, 1-21.

Wixted, J. T., Mickes, L., Clark, S. E., Gronlund, S. D. & Roediger, H. L. (2015). Initial eyewitness confidence reliably predicts eyewitness identification accuracy. *American Psychologist*, 70, 515-526.

Squire, L.R. & Wixted, J. T. (2015). Remembering. *Daedalus, the Journal of the American Academy of Arts and Sciences*, Winter 2015, 53-66.

Mickes, L. & Wixted, J. T. (2015). On the applied implications of the “Verbal Overshadowing Effect.” *Perspectives on Psychological Science*, 10, 400-403.

Amendola, K. L. & Wixted, J. T. (2015). Comparing the diagnostic accuracy of suspect identifications made by actual eyewitnesses from simultaneous and sequential lineups in a randomized field trial. *Journal of Experimental Criminology*, 11, 263-284.

Amendola, K. L. & Wixted, J. T. (2015). No possibility of a selection bias, but direct evidence of a simultaneous superiority effect: a reply to Wells et al. *Journal of Experimental Criminology*, 11, 291-294.

Gronlund, S. D., Mickes, L., Wixted, J. T. & Clark, S. E. (2015). Conducting an Eyewitness Lineup: How the Research Got It Wrong. *Psychology of Learning and Motivation*, 63, 1–43.

Witt, J. K., Taylor, E. T., Sugovic, M. & Wixted, J. T. (2015). Signal detection measures cannot distinguish perceptual biases from response biases. *Perception*, 44,289 – 300.

## --2014--

John T. Wixted, Laura Mickes, Steven E. Clark, Scott D. Gronlund, and Henry L. Roediger III, “The Changing Story of Eyewitness Confidence and the Validity of Identification,” Research in Brief, *The Police Chief* 81 (November 2014): 14–15.

Wixted, J. T., Squire, L. R., Jang, Y., Papesh, M. H., Goldinger, S. D., Kuhn, J. R., Smith, K. A., Treiman, D. M. & Steinmetz, P. N. (2014). Sparse and distributed coding of episodic memory in neurons of the human hippocampus. *Proceedings of the National Academy of Sciences*, 111, 9621-9626.

Wixted, J. T. & Mickes, L. (2014). A signal-detection-based diagnostic feature-detection model of eyewitness identification. *Psychological Review*, 121, 262-276.

Hower, K. H., Wixted, J. T., Berryhill, M. E. & Olson, I. R. (2014). Impaired perception of mnemonic oldness, but not mnemonic newness, after parietal lobe damage. *Neuropsychologia*, 56, 409-417.

Dede, A. O., Squire, L. R. & Wixted, J. T. (2014). A novel approach to an old problem: Analysis of systematic errors in two models of recognition memory. *Neuropsychologia*, 52, 51-56.

Mickes, L., Moreland, M. B., Clark, S. E. & Wixted, J. T. (2014). Missing the information needed to perform ROC analysis? Then compute  $d'$ , not the diagnosticity ratio. *Journal of Applied Research in Memory and Cognition*, 3, 58-62.

Gronlund, S. D., Wixted, J. T. & Mickes, L. (2014). Evaluating eyewitness identification procedures using ROC analysis. *Current Directions in Psychological Science*, 23, 3-10.

Wixted, J. T., Gronlund, S. D. & Mickes, L. (2014). Policy Regarding the Sequential Lineup Is Not Informed by Probative Value but Is Informed by Receiver Operating Characteristic Analysis. *Current Directions in Psychological Science*, 23, 17-18.

### --2013--

Wixted, J. T. (2013). Sleep aromatherapy curbs conditioned fear. *Nature Neuroscience* [News and Views], 16, 1510-1512.

Mickes, L., Seale-Carlisle, T. M. & Wixted, J. T. (2013). Rethinking familiarity: Remember/Know judgments in free recall. *Journal of Memory and Language*, 68, 333-349.

Kastner, E. J., Wixted, J. T. & Mednick, S. C. (2013). Pharmacologically increasing sleep spindles enhances recognition for negative and high-arousal memories. *Journal of Cognitive Neuroscience*, 10, 1597-1610.

Dede, A. J., Wixted, J. T., Hopkins, R. O. & Squire, L. R. (2013). Hippocampal damage impairs recognition memory broadly, affecting both parameters in two prominent models of memory. *Proceedings of the National Academy of Sciences*, 110, 6577-6582.

Wixted, J. T. & Mickes, L. (2013). On the relationship between fMRI and theories of cognition: The arrow points in both directions. *Perspectives on Psychological Science*, 8, 104-107.

Mickes, L., Wixted, J. T., Peavy, G. M., Jacobson, M. W., Goldstein, J. L. & Corey-Bloom, J. (2013). Difficulty modifying a sustained motor response in prodromal Huntington's disease. *Journal of Clinical and Experimental Neuropsychology*, 35, 35-40.

Wixted, J. T. & Cai, D. J. (2013). Memory Consolidation. In S. Kosslyn & K. Ochsner (Eds.), *Oxford Handbook of Cognitive Neuroscience* (Vol. 2, pp. 436-455). Oxford University Press, New York.

### --2012--

Mickes, L., Flowe, H. D. & Wixted, J. T. (2012). Receiver operating characteristic analysis of eyewitness memory: Comparing the diagnostic accuracy of simultaneous and sequential lineups. *Journal of Experimental Psychology: Applied*, 18, 361-376.

Ingram, K. M., Mickes, L. & Wixted, J. T. (2012). Recollection can be weak and familiarity can be strong. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 38, 325-339.

Jeneson, A., Wixted, J. T., Hopkins, R. O. & Squire, L. R. (2012). Visual working memory capacity and the medial temporal lobe. *Journal of Neuroscience*, 32, 3584–3589.

Jang, Y., Mickes, L. & Wixted, J. T. (2012). Three tests and three corrections: Comment on Koen and Yonelinas (2010). *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 38, 513–523.

Roediger, H. L., Wixted, J. T. & DeSoto, K. A. (2012). The Curious Complexity between Confidence and Accuracy in Reports from Memory. In Nadel, Lynn, and Sinnott-Armstrong, Walter, (Eds.). *Memory and Law* (pp. 84 - 118). Oxford University Press, New York.

Wixted, J. T. & Mickes, L. (2012). The field of eyewitness memory should abandon “probative value” and embrace Receiver Operating Characteristic analysis. *Perspectives on Psychological Science*, 7, 275-278.

Jang, Y., Wixted, J. T., Pecher, D., Zeelenberg, R., & Huber, D. E. (2012). Decomposing the interaction between retention interval and study/test practice: The role of retrievability. *Quarterly Journal of Experimental Psychology*.

**--2011--**

Squire, L. R. & Wixted, J. T. (2011). The cognitive neuroscience of human memory since H.M. *Annual Review of Neuroscience*, 34, 259-288.

Mednick, S.C., Cai, D. J., Shuman, T., Anagnostaras, S. & Wixted, J. T. (2011). An opportunistic theory of cellular and systems consolidation. *Trends in Neurosciences*, 34, 504-514.

Smith, C. N., Wixted, J. T. & Squire, L. R. (2011). The hippocampus supports both recollection and familiarity when memories are strong. *Journal of Neuroscience*, 31, 15693-15702.

Wixted, J. T. & Squire, L. R. (2011). The medial temporal lobe and the attributes of memory. *Trends in Cognitive Sciences*, 15, 210-217. (replies to comments [here](#) and [here](#))

Mickes, L., Hwe, V., Wais, P. E. & Wixted, J. T. (2011). Strong memories are hard to scale. *Journal of Experimental Psychology: General*, 140, 239-257.

Song, Z., Wixted, J. T., Smith, C. & Squire, L. R. (2011). Different nonlinear functions in hippocampus and perirhinal cortex relating functional functional MRI activity to memory strength. *Proceedings of the National Academy of Sciences of the United States of America*, 108, 5783-5788.

Jang, Y., Wixted, J. T. & Huber, D. E. (2011). The diagnosticity of individual data for model selection: Comparing signal-detection models of recognition memory. *Psychonomic Bulletin & Review*, 18, 751-757.



Song, Z., Wixted, J. T., Hopkins, R. & Squire, L. R. (2011). Impaired capacity for familiarity after hippocampal damage. *Proceedings of the National Academy of Sciences of the United States of America*, 108, 9655-9660.

**--2010--**

Wixted, J. T. & Mickes, L. (2010). A Continuous Dual-Process Model of Remember/Know Judgments. *Psychological Review*, 117, 1025-1054.

Wais, P.E., Squire, L. R. & Wixted, J. T. (2010). In search of recollection and familiarity in the hippocampus. *Journal of Cognitive Neuroscience*, 22, 109-123.

Jeneson, A., Kirwan, B., Hopkins, R. O., Wixted, J. T. & Squire, L. R. (2010). Recognition memory and the hippocampus: A test of the hippocampal contribution to recollection and familiarity. *Learning & Memory*, 17, 63-70.

Kirwan CB, Wixted JT, Squire LR. A demonstration that the hippocampus supports both recollection and familiarity. *Proceedings of the National Academy of Sciences of the United States of America*, 107, 344-348.

Mickes, L., Johnson, E. M. & Wixted, J. T. (2010). Continuous Recollection vs. Unitized Familiarity in Associative Recognition. *Journal of Experimental Psychology-Learning, Memory, and Cognition*, 36, 843-863.

White, K. G. & Wixted, J. T. (2010). Psychophysics of Remembering: To Bias or Not to Bias. *Journal of the Experimental Analysis of Behavior*, 94, 83-94.

Pryor, K. O., Reinsel, R. A., Mehta, M., Li, Y., Wixted, J. T. & Veselis, R. A. (2010). Visual P2-N2 complex and arousal at the time of encoding predict the time domain characteristics of amnesia for multiple intravenous anesthetic drugs in humans. *Anesthesiology*, 113, 313-326.

Wixted, J. T. & Squire, L. R. (2010). The role of the human hippocampus in familiarity-based and recollection-based recognition memory. *Behavioural Brain Research*, 215, 197-208.

Wixted, J. T. & Mickes, L. (2010). Useful Scientific Theories are Useful: A Reply to Rouder, Pratte and Morey (2010). *Psychonomic Bulletin & Review*, 17, 436-442.

Wixted, J. T., Mickes, L. & Squire, L. R. (2010). Measuring recollection and familiarity in the medial temporal lobe. *Hippocampus*, 20, 1195-1205.

Mickes, L., Jacobson, M., Peavy, G., Wixted, J., Lessig, S., Goldstein, J. & Corey-Bloom, J. (2010). A Comparison of Two Brief Screening Measures of Cognitive Impairment in Huntington's Disease. *Movement Disorders*, 25, 2229-2233.

Wixted, J. T. (2010). The role of retroactive interference and consolidation in everyday forgetting. In Della Sala, S. (Ed.). *Forgetting*. Psychology Press, East Sussex, UK.



**--2009--**

Mickes, L., Wais, P. E. & Wixted, J. T. (2009). Recollection is a continuous process: Implications for dual process theories of recognition memory. *Psychological Science*, *20*, 509-15.

Jang, Y., Wixted, J. T. & Huber, D. E. (2009). Testing Signal-Detection Models of Yes/No and Two-Alternative Forced-Choice Recognition Memory. *Journal of Experimental Psychology: General*, *138*, 291-306.

Wixted, J. T. (2009). Remember/Know judgments in cognitive neuroscience: An illustration of the underrepresented point of view. *Learning & Memory*, *16*, 406-412.

Mickes, L., Wixted, J. T., Shapiro, A. & Scarff, J. M. (2009). The Effects of Pregnancy on Memory: Recall is Worse but Recognition is not. *Journal of Clinical and Experimental Neuropsychology*, *31*, 754-761.

Armel, K. C., Pulido, C., Wixted, J. T. & Chiba, A. A. (2009). The smart gut: Tracking affective associative learning with measures of "Liking", facial electromyography, and preferential looking. *Learning and Motivation*, *40*, 74-93.

Cepeda, N. J., Coburn, N., Rohrer, D., Wixted, J. T., Mozer, M. C. & Pashler, H. (2009). Optimizing Distributed Practice: Theoretical Analysis and Practical Implications. *Experimental Psychology*, *56*, 236-246.

**--2008--**

Bayley, P. J., Wixted, J. T., Hopkins, R. O. & Squire, L. R. (2008). Yes/No Recognition, Forced-choice Recognition, and the Human Hippocampus. *Journal of Cognitive Neuroscience*, *20*, 505-512.

Wais, P. E., Mickes, L. & Wixted, J. T. (2008). Remember/Know Judgments Probe Degrees of Recollection. *Journal of Cognitive Neuroscience*, *20*, 400-405.

Wixted, J. T. (2008). JEAB and the Skinnerian interpretation of behavior. *Journal of the Experimental Analysis of Behavior*, *89*, 137-139.

Carpenter, S., Pashler, H., Wixted, J., & Vul, E. (2008). The effects of tests on learning and forgetting. *Memory & Cognition*, *36*, 438-448.

Cepeda, N. J., Vul, E., Rohrer, D., Wixted, J. T. & Pashler, H. (2008). Spacing Effects in Learning: A Temporal Ridgeline of Optimal Retention. *Psychological Science*, *19*, 1095-1102.

Kirwan, B., Wixted, J. T. & Squire, L. R. (2008). Activity In The Medial Temporal Lobe Predicts Memory Strength, Whereas Activity In The Prefrontal Cortex Predicts Recollection. *Journal of Neuroscience*, *28*, 10541-10548.

Wixted, J. T. & Squire, L. R. (2008). Constructing Receiver Operating Characteristics (ROCs) with Experimental Animals: Cautionary Notes. *Learning & Memory*, *15*, 687-690.

**--2007--**

Wixted, J. T. (2007). Dual-process theory and signal-detection theory of recognition memory. *Psychological Review*, *114*, 152-176.

Wixted, J. T. (2007). Spotlighting the probative findings: Reply to Parks and Yonelinas (2007). *Psychological Review*, *114*, 203-209.

Wixted, J. T. & Carpenter, S. K. (2007). The Wickelgren Power Law and the Ebbinghaus Savings Function. *Psychological Science*, *18*, 133-134.

Squire, L. R., Wixted, J. T. & Clark, R. E. (2007). Recognition memory and the medial temporal lobe: a new perspective. *Nature Reviews Neuroscience*, *8*, 872-883.

Mickes, L., Wixted, J. T., Fennema-Notestine, C., Galasko, D., Bondi, M. W., Thal, L. & Salmon, D. (2007). Progressive impairment on neuropsychological tasks in a longitudinal study of preclinical Alzheimer's disease. *Neuropsychology*, *21*, 696-705.

Wixted, J. T. (2007). Signal-Detection Theory and the Neuroscience of Recognition Memory. In Nairne, J. S. (Ed) *The foundations of remembering: Essays in honor of Henry L. Roediger, III* (pp. 67-82). New York, NY: Psychology Press.

Wixted, J. T. (2007). Integrative comments: Forgetting is not the opposite of remembering. In H. L. Roediger, Y. Dudai and S. M. Fitzpatrick (Eds.), *Science of Memory: Concepts* (pp. 329-335). New York: Oxford University Press.

Mickes, L., Wixted, J. T. & Wais, P. E. (2007). A Direct Test of the Unequal-Variance Signal-Detection Model of Recognition Memory. *Psychonomic Bulletin & Review*, *14*, 858-865.

**--2006--**

Singer, M. & Wixted, J. T. (2006). Effect of delay on recognition decisions: Evidence for a criterion shift. *Memory & Cognition*, *34*, 125-137.

Cepeda, N. J., Pashler, H., Vul, E., Wixted, J. T. & Rohrer (2006). Distributed practice in verbal recall tasks: A review and quantitative synthesis. *Psychological Bulletin*, *132*, 354-380.

Wais, P., Wixted, J. T., Hopkins, R. O. & Squire, L. R. (2006). The hippocampus supports both the recollection and the familiarity components of recognition memory. *Neuron*, *49*, 459-468.

**--2005--**

Pashler, H., Cepeda, N., Wixted, J. T. & Rohrer, D. (2005). When does feedback facilitate learning of words? *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *31*, 3-8.

Wixted, J. T. (2005). A theory about why we forget what we once knew. *Current Directions in Psychological Science*, *14*, 6-9.

Rohrer, D., Taylor, K., Pashler, H., Wixted, J. T., Cepeda, N. J. (2005). The effect of overlearning on long-term retention. *Applied Cognitive Psychology*, 19, 361-374.

**--2004--**

Wixted, J. T. (2004). The psychology and neuroscience of forgetting. *Annual Review of Psychology*, 55, 235-269.

Wixted, J. T. & Gaitan, S. (2004). Stimulus salience and asymmetric forgetting in the pigeon. *Learning & Behavior*, 32, 173-182.

White, K. G., Parkinson, A. E., Brown, G. S. & Wixted, J. T. (2004). Local Proactive Interference in Delayed Matching to Sample: The Role of Reinforcement. *Journal of Experimental Psychology: Animal Behavior Processes*, 30, 83-95.

Wixted, J. T. & Squire, L. R. (2004). Recall and recognition are equally impaired in patients with selective hippocampal damage. *Cognitive, Affective & Behavioral Neuroscience*, 4, 58-66.

McKenzie, C. R. M., Wixted, J. T., & Noelle, D. C. (2004). Explaining Purportedly Irrational Behavior by Modeling Skepticism in Task Parameters: An Example Examining Confidence in Forced-Choice Tasks. *Journal of Experimental Psychology-Learning, Memory, and Cognition*, 30, 947-959.

Wixted, J. T. (2004). On common ground: Jost's (1897) law of forgetting and Ribot's (1881) law of retrograde amnesia. *Psychological Review*, 111, 864-879.

Wixted, J. T. & Stretch, V. (2004). In defense of the signal-detection interpretation of Remember/Know judgments. *Psychonomic Bulletin & Review*, 11, 616-641.

Wixted, J. T. & Squire, L. R. (2004). Recall, recognition and the hippocampus: A reply to Yonelinas et al. (2004). *Cognitive, Affective & Behavioral Neuroscience*, 4, 401-406.

**--2000 thru 2003--**

Wixted, J. T. (2003). The memoirs of an enigmatic and underappreciated memory icon. Review of *Interesting Times: An encounter with the 20th Century 1924-*, by George Mandler. *Contemporary Psychology: APA Review of Books*, 48, 149-151.

Wixted, J. T. & Gaitan, S. (2002). Cognitive theories as reinforcement history surrogates: The case of likelihood ratio models of human recognition memory. *Animal Learning & Behavior*, 30, 289-305.

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## **RECENT PRESENTATIONS**

Wixted, J. T., Vul, E., Mickes, L. & Wilson, B. (2017). Models of lineup memory. Paper presented at the 58<sup>th</sup> annual meeting of the Psychonomic Society (Vancouver).

Wixted, J. T. (2017). Psychology's wrongful conviction of eyewitness memory. **Master Lecture** presented at the 125<sup>th</sup> meeting of the American psychological Association (Washington DC).

Wixted, J. T. (2017). Coding of Episodic Memory in the Human Hippocampus. Paper presented at the 2017 McKnight Conference on Neuroscience (Aspen, Colorado).

Wixted, J. T. (2017). Models of lineup memory. Paper presented at the annual meeting of the Society of Experimental Psychologists (Nashville).

Wixted, J. T. (2016). Psychology's wrongful conviction of eyewitness memory. **Keynote address** presented at the 9<sup>th</sup> bi-annual meeting of the International Association for Metacognition (Boston).

Wixted, J. T. (2016). Simultaneous Lineups vs. Elimination Lineups: Theoretical (and Applied) Considerations. Paper presented at the 57<sup>th</sup> annual meeting of the Psychonomic Society (Boston).

Wixted, J. T. (2016). Stimulus-selective, sparsely coded episodic memory and non-specific novelty detection in single units of the human hippocampus. Talk presented at the 46<sup>th</sup> annual meeting of the Society for Neuroscience (San Diego).

Wixted, J. T. (2016). Eyewitness memory is much better than (and also as bad as) you think it is. Invited talk (Division 3) presented at the 124<sup>th</sup> annual meeting of the American Psychological Association (Denver).

Wixted, J. T., Mickes, L., Dunn, J., Clark, S. & Wells, W. (2016). A Signal Detection Analysis of Identifications Made by Actual Eyewitnesses. Paper presented at the Annual Meeting of the American Psychology-Law Society (Atlanta).

Wixted, J. T., Mickes, L., Dunn, J., Clark, S. & Wells, W. (2015). The Relationship Between Confidence and Accuracy for Eyewitness Identifications Made From Simultaneous and Sequential Police Lineups. Paper presented at the 56<sup>th</sup> Annual Meeting of the Psychonomic Society (Chicago).

- Wixted, J. T. (2015). Making Sense of Memory With and Without Theoretical Guidance. **Keynote address** presented at the 11th Annual Context and Episodic Memory Symposium (Philadelphia).
- Wixted, J. T. & Amendola, K. (2015). Comparing the Diagnostic Accuracy of Suspect Identifications made by Actual Eyewitnesses from Simultaneous and Sequential Lineups in a Randomized Field Trial. Paper presented at the 2015 meeting of the American Psychology-Law Society (San Diego).
- Wixted, J. T. (2014). From the Operant Lab to the Courtroom: ROC Analyses of Memory in Pigeons and People. **Keynote address** presented at the at the Fall Meeting of the Comparative Cognition Society (Long Beach, CA).
- Wixted, J. T. (2014). Exonerating eyewitness memory in wrongful convictions of the innocent. **Keynote address** presented at the Southwest Cognition (ARMADILLO) Conference (Norman, Oklahoma).
- Wixted, J. T. (2014). The division of labor in the MTL is based on the attributes and mechanisms of memory, not on the strength or subjective experience of memory. Paper presented at the Annual Meeting of the Memory Disorders Research Society (Austin).
- Wixted, J. T. (2014). A Cellular and Systems Consolidation Theory of Forgetting. **Keynote address** presented at the International Workshop on Learning and Memory Consolidation (San Sebastian, Spain).
- Wixted, J. T. (2014). Improving Lineup Identification Evidence. Paper presented at the 26<sup>th</sup> Annual Meeting of the Association for Psychological Science (San Francisco).
- Wixted, J. T. & Mickes, L. (2014). A Diagnostic-Feature Detection Theory of Eyewitness Identification. Paper presented at the 2014 meeting of the American Psychology-Law Society (New Orleans).
- Wixted, J. T. and Mickes, L. (2013). Eyewitness Identification: An Old Theory of Response Bias vs. a New Theory of Discriminability. Paper presented at the 54<sup>th</sup> Annual Meeting of the Psychonomic Society (Toronto).
- Wixted, J. T., Squire, L. R., Jang, Y., Papesh, M. H., Goldinger, S. D. & Steinmetz, P. N. (2013). A broadly distributed memory signal in neurons of the human hippocampus. Poster presented at the 43rd annual meeting of the Society for Neuroscience (San Diego).
- Wixted, J. T. (2013). A broadly distributed memory signal in neurons of the human hippocampus. Paper presented at the 2013 meeting of the Society of Experimental Psychologists (Providence).
- Wixted, J. T., Mickes, L. & Flowe, H. (2013). ROC Analysis in the Assessment of Eyewitness Memory. Paper presented at the 2013 meeting of the American Psychology-Law Society.
- Wixted, J. T., Papesh, M. H., Goldinger, S. D., Jang, Y. & Steinmetz, P. N. (2012). Representation of Episodic Memory Strength by Single Neurons in the Human Hippocampus. Paper presented at the 53<sup>rd</sup> Annual Meeting of the Psychonomic Society (Minneapolis).
- Wixted, J. T. (2012). Receiver operating characteristic analysis of eyewitness memory. Paper presented at the 2012 meeting of the Society of Experimental Psychologists (Houston).

Wixted, J.T. (2011). Measuring recollection and familiarity in the hippocampus using the Remember/Know procedure. Paper presented at the 5<sup>th</sup> International Conference on Memory (York, England).

Wixted, J.T. (2011). Recollection can be weak and familiarity can be strong. Paper presented at the 5<sup>th</sup> International Conference on Memory (York, England).

Wixted, J. T. and Mickes, L. (2011). Remember/Know judgments in free recall. Paper presented at the 52<sup>nd</sup> annual meeting of the Psychonomic Society (Seattle).

Wixted, J. T. (2011). Remember/Know judgments in free recall. Paper presented at the 2011 meeting of the Society of Experimental Psychologists (Seattle).

## **DEPARTMENT SERVICE**

Member, Undergraduate Affairs Committee (2015 – present)

Chair Executive Committee (2014-present)

Chair, Department of Psychology (2003-2013)

Chair, Graduate Affairs Committee & Graduate Advisor (1995-2002)

Chair, Graduate Admissions Committee (1994/95)

Chair, Undergraduate Affairs Committee & Head Undergraduate Advisor (1989-1994)

## **UNIVERSITY SERVICE**

Committee member, Undergraduate Council Program Review: Department of Economics (2016)

Committee on Academic Information Technology (2015 - present)

CAPE Advisory Committee (2010 - present)

FISP Postdoctoral Review Committee (2015)

Search Advisory Committee for the AVC for Academic Personnel and Resources (2011)

Chair, Dean of Arts & Humanities Search Committee (2007)

Revelle College Provost Search Committee (2003)

Task Force on the Faculty Review Process (1999/2000)

Committee on Academic Personnel (1997/1998 & 1998/1999)

CEP Subcommittee: Dept. of Linguistics Undergraduate Program Review (1996/1997)

Revelle Executive Committee (1992-1994)

## **PROFESSIONAL SERVICE**

- APS Publications Committee (2014 - present)
- Testified before the National Academy of Sciences Committee on the Review of Proposals for Research on Statistical Methodologies for Assessing Variables in Eyewitness Performance (9/28/2015)

- Testified before the National Academy of Sciences Committee on Scientific Approaches to Understanding and Maximizing the Validity and Reliability of Eyewitness Identification in Law Enforcement and the Courts (12/2/2014)
- Recent Journal Editor Search Committees:
  - *Perspectives on Psychological Science* (2014)
  - *Psychological Science in the Public Interest* (2015)
  - *Clinical Psychological Science* (2015)
  - *Psychological Science* (2016, Chair)
  - *Perspectives on Psychological Science* (2017)
- External Review Committees
  - Brigham Young University, Department of Psychology (2009)
  - Boston College, Department of Psychology (2011)
  - Auburn University, Department of Psychology (2016)
- APA Division 3 (Experimental Psychology) Program Chair (2009)
- Psychonomic Society Publications Committee, 2002-2006 (Chair, 2004-2005)
- Psychonomic Society Governing Board, 2000-2005 (Chair, 2004)
- Society for the Experimental Analysis of Behavior (Board of Directors, 1994-2002)
- 1997 APA Science Advocacy Workshop (Washington D.C.)
- 1997 APS Convention Program Committee and Proposal Reviewer (Cognitive Area)