

# Curriculum Vitae

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## **John T. Wixted**

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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

## **PROFESSIONAL EXPERIENCE**

- *Distinguished Professor*, University of California, San Diego (7/2013 – present)
- *Professor*, University of California, San Diego (7/98-6/2013)
- *Associate Professor*, University of California, San Diego (7/94-6/98)
- *Assistant Professor*, University of California, San Diego (7/88-6/94)

## **HONORS AND AWARDS**

- John P. McGovern Award Lecture in the Behavioral Sciences, American Association for the Advancement of Science (2022)
- Elected Fellow, American Academy of Arts and Sciences (2019)
- Elected member, Memory Disorders Research Society (2018)
- 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)
- Elected Fellow, Society of Experimental Psychologists (2004)
- George A. Miller Award for Outstanding Article in General Psychology (APA, Div 1, 2000)
- Distinguished Teaching Award (UCSD Alumni Association, 1995)
- Outstanding Teaching Award (Revelle College, 1992; Warren, 1993, 1996; Muir, 1996)

## **EXTERNAL SUPPORT**

- Continuous strength, population-based representations in visual working memory (NSF, 2/22 – 1/25, \$519,793, PI = Brady, T., Co-PI = Wixted, J. T)
- Language Switching with Alzheimer's Disease (NIMH, 04/22 – 03/27 \$3,212,217, PI = Gollan, T., Co-PI = Wixted, J. T.)
- Neural basis of memory in primate medial temporal lobe (NIMH, 12/18 – 11/23, \$1,940,879, PI = Miller, C., Co-PIs = Wixted, J. T & Leutgeb, J. K.)
- Analyzing human single-neuron activity during a continuous recognition memory task (Neurtex Brain Research Institute, \$238,069, 2/2019-01/2021, PI = Wixted, J. T.)
- Testing the Accuracy and Reliability of Eyewitness Identification (Laura and John Arnold Foundation, 1/17 – 11/20, \$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.)
- 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:

*Annual Review of Psychology* (2002-2006, 2019-present)

*Psychological Review* (2003-2010, 2015-present)

*JEP: General* (2011-present)

*Psychonomic Bulletin & Review* (1995-1998, 2002-present)

*Law & Human Behavior* (2019-present)

## **PROFESSIONAL AFFILIATIONS**

- Psychonomic Society
- Association for Psychological Science
- American Psychological Association
- Society for Neuroscience

## **PUBLICATIONS**

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### **EDITED VOLUMES**

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[Wixted, J. T. \(2018\)](#). *Stevens' Handbook of Experimental Psychology and Cognitive Neuroscience, 4th Edition* (Editor in Chief). With volume editors Elizabeth Phelps & Lila Davachi (*Learning & Memory*); John Serences (*Sensation, Perception & Attention*); Sharon Thompson-Schill (*Language & Thought*); Simona Ghetti (*Developmental & Social Psychology*); E. J. Wagenmakers (*Methodology*). New York: Wiley.

[Wixted, J. T. \(2017\)](#). Cognitive psychology of memory. Vol. 2 of *Learning and memory: A comprehensive reference*, 2nd edition (J. Byrne, Ed.). Oxford: Elsevier.

Wixted, J. T. (2004). Methodology. Vol. 4 of *Stevens' Handbook of Experimental Psychology*, 3rd edition (H. Pashler, Ed.). New York: Wiley.

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### **RESEARCH ARTICLES & BOOK CHAPTERS**

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**--2022 & in press--**

[Shen, K. J., Colloff, M.F., Vul, E., Wilson, B. M., & Wixted, J. T. \(in press\)](#). Modeling face similarity in police lineups. *Psychological Review*.

[Brady, T. F., Robinson, M. M., Williams, J. R., & Wixted, J. T. \(in press\)](#). Measuring memory is harder than you think: How to avoid problematic measurement practices in memory research. *Psychonomic Bulletin & Review*.

Wixted, J. T. & Roediger, H. L. (in press). Signal detection theory and eyewitness identification. In Logie, R.H., Wen, Z., Gathercole, S., Cowan, N., Engle, R. (Eds.). (in press). *Memory in Science for Society: There is nothing as practical as a good theory*. Oxford University Press.

[Wixted, J. T. \(in press\)](#). Absolute vs. relative forgetting. *Journal of Experimental Psychology: Learning, Memory, and Cognition*.

[Williams, J. R., Robinson, M. M., Schurgin, M.W., Wixted, J.T., and Brady, T. F. \(in press\)](#). You can't "count" how many items people remember in working memory: The importance of signal detection-based measures for understanding change detection performance. *Journal of Experimental Psychology: Human Perception and Performance*.

[Wilson, B. M., Harris, C. R., & Wixted, J. T. \(2022\)](#). Theoretical false positive psychology. *Psychonomic Bulletin & Review*, 10.3758/s13423-022-02098-w.

[Urgolites, Z. J., Wixted, J. T., Goldinger, S. D., Papesh, M. H., Treiman, D. M., Squire, L. R., & Steinmetz, P. N. \(2022\)](#). Two kinds of memory signals in neurons of the human hippocampus. *Proceedings of the National Academy of Sciences*, 119, e2115128119.

[Wixted, J. T., & Mickes, L. \(2022\)](#). Eyewitness memory is reliable, but the criminal justice system is not. *Memory*, 30, 67-72.

[Wixted, J. T. \(2022\)](#). The basic science of eyewitness identification. In T. F. Brady & W. A. Bainbridge (Eds), *Visual Memory*. Routledge

[Mickes, L. & Wixted, J. T. \(2022\)](#). Eyewitness memory. In M. J. Kahana & A. D. Wagner (Eds.) *Oxford Handbook of Human Memory*. Oxford University Press

[Wixted, J. T. \(2022\)](#). The enigma of forgetting. *Proceedings of the National Academy of Sciences*, 119, e220133211

**--2021--**

[Wixted, J. T., Mickes, L., Brewin, C. R., & Andrews, B. \(2021\)](#). Doing right by the eyewitness evidence: A response to Berkowitz et al. *Memory*.  
<https://doi.org/10.1080/09658211.2021.1940206>

[Wixted, J. T., Wells, G. L., Loftus, E. F., & Garrett, B. L. \(2021\)](#). Test a witness's memory for a suspect only once. *Psychological Science in the Public Interest*.  
<https://doi.org/10.1177/15291006211026259>

[Wixted, J. T., Vul, E., Mickes, L. & Wilson, B. W. \(2021\)](#). Eyewitness Identification is a visual search task. *Annual Review of Vision Science*, 7, 7.1-7.23.

[Colloff, M. F., Wilson, B. M., Seale-Carlisle, T. M., & Wixted, J. T. \(2021\)](#). Optimizing the selection of fillers in police lineups. *Proceedings of the National Academy of Sciences*, 118, e2017292118; <https://doi.org/10.1073/pnas.2017292118>

Delay, C. G. & Wixted, J. T. (2021). Discrete-state vs. continuous models of the confidence-accuracy relationship in recognition memory. *Psychonomic Bulletin & Review*, 28, 556-564.

Tekin, E., DeSoto, K. A., Wixted, J.T. & Roediger, HL (2021) Applying confidence accuracy characteristic plots to old/new recognition memory experiments, *Memory*, DOI: [10.1080/09658211.2021.1901937](https://doi.org/10.1080/09658211.2021.1901937)

Mizrahi, R. Wixted, J. T., & Gollan, T. (2021). Order effects in bilingual recognition memory partially confirm predictions of the frequency-lag hypothesis. *Memory*, DOI: [10.1080/09658211.2021.1902538](https://doi.org/10.1080/09658211.2021.1902538)

### --2020--

[Wixted, J. T. & Riley, P. \(2020\)](#). The Flores case shows how our criminal justice system mishandles eyewitness testimony. *Dallas Morning News*.

Akan, M., Robinson, M. M., Mickes, L., Wixted, J. T., & Benjamin, A. S. (2020). The effect of lineup size on eyewitness identification. *Journal of Experimental Psychology: Applied*. <https://doi.org/10.1037/xap0000340>

Schurgin, M. W., Wixted, J. T., & Brady, T.F. (2020). Psychophysical scaling reveals a unified theory of visual memory strength. *Nature Human Behaviour*, <https://doi.org/10.1038/s41562-020-00938-0>.

[Urgolites, Z. J., Wixted, J. T., Goldinger, S. D., Papesh, M. H., Treiman, D. M., Squire, L. R., & Steinmetz, P. N. \(2020\)](#). Spiking activity in the human hippocampus prior to encoding predicts subsequent memory. *Proceedings of the National Academy of Sciences*, 117, 13767-13770.

[Wixted, J. T. \(2020\)](#). The forgotten history of signal detection theory. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 46, 201-233.

Finley, J. R., Wixted, J. T., & Roediger, H. L. (2020). Identifying the guilty word: Simultaneous versus sequential lineups for DRM word lists. *Memory & Cognition*, 48, 903-919.

[Wilson, B. M., Harris, C. R., & Wixted, J. T. \(2020\)](#). Science is not a signal detection problem. *Proceedings of the National Academy of Sciences*, 117, 5559-5567.

[Wells, G. L., Kovera, M. B., Douglass, A. B., Brewer, N., Meissner, C. A., & Wixted, J. T. \(2020\)](#). Policy and procedure recommendations for the collection and preservation of eyewitness identification evidence. *Law and Human Behavior*, 44, 3-36.

[Colloff, M. F. & Wixted, J. T. \(2020\)](#). Why are lineups better than showups? A test of the filler siphoning and enhanced discriminability accounts. *Journal of Experimental Psychology: Applied*, 26, 124-143.

### --2019--

Seale-Carlisle, T. M., Colloff, M. F., Flowe, H. D., Wells, W., Wixted, J. T. & Mickes, L. (2019). Confidence and response time as indicators of eyewitness identification accuracy in

the lab and in the real world. *Journal of Applied Research in Memory and Cognition*, 8, 420-428.

[Wixted, J. T. \(2019\)](#). The forgotten history of signal detection theory. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 46, 210-233.

[Nummela, S. U., Jutras, M. J., Wixted, J. T., Buffalo, E. A. & Miller, C. T. \(2019\)](#). Recognition memory in marmoset and macaque monkeys: A comparison of active vision. *Journal of Cognitive Neuroscience*, 31, 1318-1328.

[Wixted, J. T., Christenfeld, N. J. S. & Rouder, J. N. \(2019\)](#). Calculating the posterior odds from a single-match DNA database search. *Law, Probability & Risk*, 18, 1-23.

Rouder, J. N., Wixted, J. T., Christenfeld, N. J. S. & (2019). Rejoinder for Calculating the posterior odds from a single-match DNA database search. *Law, Probability & Risk*, 18, 43-51.

Wixted, J. T. & Rouder, J. N. (2019). Calculating the posterior odds from a single-match DNA database search with hidden assumptions. *Law, Probability & Risk*, 18, 229-234.

[Wilson, B. M., Donnelly, K., Christenfeld, N. J. S. & Wixted, J. T. \(2019\)](#). Making sense of sequential lineups: An experimental and theoretical analysis of position effects. *Journal of Memory and Language*, 104, 108-125.

## --2018--

[Wixted, J. T. \(2018\)](#). Time to exonerate eyewitness memory. *Forensic Science International*, 292, e13-e15.

[Wixted, J. T., Vul, E., Mickes, L. & Wilson, B. W. \(2018\)](#). Models of lineup memory. *Cognitive Psychology*, 105, 81-114.

[Colloff, M. F., Wade, K. A., Strange, D. & Wixted, J. T. \(2018\)](#). Filler siphoning theory does not predict the effect of lineup fairness on the ability to discriminate innocent from guilty suspects: Reply to Smith, Wells, Smalarz, and Lampinen (2018). *Psychological Science*, 29, 1552-1557.

Rouder, J. N., Wixted, J. T. & Christenfeld, N. J. S. (2018). Cognitive-psychology expertise and the calculation of the probability of a wrongful conviction. *Psychonomic Bulletin & Review*. <https://doi.org/10.3758/s13423-018-1465-2>

Wixted, J. T., Christenfeld, N. J. S. & Rouder, J. N. (2018). A Bayesian statistical analysis of the DNA contamination scenario. *Jurimetrics*, 58, 211-242.

[Wilson, B. M. & Wixted, J. T. \(2018\)](#). The prior odds of testing a true effect in cognitive and social psychology. *Advances in Methods and Practices in Psychological Science*, 1, 186-197.

[Wixted, J. T., Mickes, L. & Fisher, R. P. \(2018\)](#). Rethinking the Reliability of Eyewitness Memory. *Perspectives on Psychological Science*, 13, 324-335.

[Wixted, J. T., Mickes, L. & Fisher, R. P. \(2018\).](#) In the DNA exoneration cases, eyewitness memory was *not* the problem: A reply to Berkowitz and Frenda (2018) and Wade, Nash, and Lindsay (2018). *Perspectives on Psychological Science*, *13*, 343-345.

[Semmler, C., Dunn, J., Mickes, L. & Wixted, J. T. \(2018\).](#) The role of estimator variables in eyewitness identification. *Journal of Experimental Psychology: Applied*. doi: 10.1037/xap0000157

[Wixted, J. T., Goldinger, S. D., Squire, L. R., Kuhn, J. R., Papesh, M. H., Smith, K. A., Treiman, D. M. & Steinmetz, P. N. \(2018\).](#) Coding of episodic memory in the human hippocampus. *Proceedings of the National Academy of Sciences*, *115*, 1093-1098.

[Wixted, J. T. & Mickes, L. \(2018\).](#) Theoretical vs. empirical discriminability: the application of ROC methods to eyewitness identification. *Cognitive Research: Principles and Implications* 3:9.

[Sauerland, M., Sagana, A., Sporer, S. L., & Wixted, J. T. \(2018\).](#) Decision time and confidence predict choosers' identification performance in photographic showups. *PLOS ONE*, *13*(1) e0190416. <https://doi.org/10.1371/journal.pone.0190416>.

### --2017--

[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.

Jenerson, 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](#))

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## **RECENT PRESENTATIONS**

Wixted, J. T. (2022). Eyewitness memory is reliable, but the criminal justice system is not. John P. McGovern Award Lecture in the Behavioral Sciences, American Association for the Advancement of Science (remote)

Wixted, J. T., Colloff, M., Wilson, B., Vul, E., & Shen, K. (2021). Modeling face similarity in police lineups. Paper presented at the 62nd annual meeting of the Psychonomic Society (remote).

Wixted, J. T., Wilson, B., & Harris, C. (2020). The statistician vs. the theoretician. Paper presented at the 61st annual meeting of the Psychonomic Society (remote).

Wixted, J. T., Wilson, B., & Harris, C. (2019). Science is not a signal detection problem. Paper presented at the 60th annual meeting of the Psychonomic Society (Montreal).

Wixted, J. T. (2019). The extraordinary capacity of visual long-term memory (including eyewitness memory). Paper presented at the 19<sup>th</sup> annual meeting of the Vision Sciences Society (St. Pete Beach, Florida).

Wixted, J. T. & Mickes, L. (2018). Recognition memory in the laboratory and in the real world. **Keynote address** presented at the International Meeting of the Psychonomic Society (Amsterdam).

- Wixted, J. T. (2018). The relationship between eyewitness confidence and identification accuracy. Invited paper presented at the 30<sup>th</sup> Annual Meeting of the Association for Psychological Science (San Francisco).
- Wixted, J. T. (2018). Eyewitness memory: A new perspective. **Keynote address** presented at the 25<sup>th</sup> Annual Psychology Student Research Fair (Cal State San Marcos).
- Wixted, J. T., Christenfeld, N. J. S. & Rouder, J. N. (2018). A Bayesian statistical analysis of the DNA contamination scenario. Paper presented at the 2018 meeting of the Society of Experimental Psychologists (Tucson).
- Wixted, J. T., Schurgin, M., & Brady, T. (2018). Guessing in working memory and long-term memory. Paper presented at the 59<sup>th</sup> annual meeting of the Psychonomic Society (New Orleans).
- 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 11<sup>th</sup> 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).

## **DEPARTMENT SERVICE**

- Member, Graduate Affairs Committee (2020 – present)
- Member, Undergraduate Affairs Committee (2015 – 2018)
- Chair Executive Committee (2014-2016)
- 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, Privilege and Tenure Panel of Advisors (2022-2023)
- Co-Chair, Shadow Academic Administrator and Academic Coordinator Review Panel (2020-2022)
- Committee member, Undergraduate Council Program Review: Department of Economics (2016)
- Committee on Academic Information Technology (2015 - 2018)
- 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 - 2018)
- 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)