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My research interest is focused on the functional roles of the prefrontal cortex and the medial temporal lobe in the reconstruction of LTM, as well as the functional networks that support qualitatively different experiences in the fidelity of memory, ranging from a simple gist of a prior experience to a rich mental image of a particular episode.

- 2008-present Postdoctoral scholar at the University of California, San Francisco, under the mentorship of Adam Gazzaley, M.D., Ph.D.
- 2004-2008 Graduate student at the University of California, San Diego, under the mentorship of John Wixted, Ph.D. and Larry Squire, Ph.D.
- 2002-2004 Research assistant in the Gabrieli Cognitive Neuroscience Laboratory at Stanford University, working under the direct supervision of John Gabrieli, Ph.D., Adam Anderson, Ph.D., and Mara Mather, Ph.D.

Education University of California, San Diego Ph.D. in Psychology (2008)

University of California, San Diego MA-Psychology (2006)

Stanford University Non-matriculated graduate student (2002-2003)

Harvard Business School Executive Program in Competition & Strategy (1992)

University of California at Berkeley, AB-Journalism (1976)

Awards:

Innovative Research Grant of \$27,900 awarded by the Kavli Institute for Brain and Mind (awarded in 2007 to Peter Wais and John Wixted)

Presentations:

American Psychological Science Conference 2010 Symposium
Memory and the Medial Temporal Lobe: Current Evidence and Implications for Psychological Science

Publications:

Mather, M., Canli, T., English, T., Whitfield, S., Wais, P., Ochsner, K., Gabrieli, J. & Carstensen, L. (2004). Amygdala responses to emotionally valenced stimuli in older and younger adults. *Psychological Science* 15, 4. 259-263.

- Anderson, A., Wais, P. & Gabrieli, J. (2006). Emotion enhances remembrance of neutral events past. *Proceedings of the National Academy of Sciences*, *103*. 1599-1604.
- Wais, P., Wixted, J., Hopkins, R. & Squire, L. (2006). The hippocampus supports both the recollection and the familiarity components of recognition memory. *Neuron*, *49*. 459-466.
- Mickes, L., Wixted, J. & Wais, P. (2007). A direct test of the unequal-variance signal-detection model of recognition memory. *Psychonomic Bulletin & Review*, *14*. 858-865.
- Wais, P., Mickes, L., & Wixted, J. (2008). Remember/Know judgments probe degrees of recollection. *The Journal of Cognitive Neuroscience*, *20*. 400-405.
- Wais, P. (2008). fMRI signals associated with memory strength in the medial temporal lobes: a meta-analysis. *Neuropsychologia*, *46*. 3185-3196.
- Mickes, L., Wais, P. & Wixted, J. (2009). Recollection is a continuous process: implications for dual process theories of recognition memory. *Psychological Science*, *20*. 509-515.
- Wais, P., Squire, L. & Wixted, J. (2010). In search of recollection and familiarity signals in the hippocampus. *The Journal of Cognitive Neuroscience*, *22*. 109-123.
- Wais, P., Rubens, M., Boccanfuso, J. & Gazzaley, A. (2010). Neural mechanisms underlying the impact of visual distraction on retrieval of long-term memory. *Journal of Neuroscience*, *30*. 8541-8550.
- Wais, P. (2011). Hippocampal signals for strong memory when associative memory is available and when it is not. *Hippocampus*, *21*. 9-21.
- Mickes, L., Wais, P. & Wixted, J. (2011). Strong memories are hard to scale. *Journal of Experimental Psychology: General*, *140*. 239-257.
- Wais, P., Kim, O. & Gazzaley, A. (2011). Distractibility during episodic retrieval is exacerbated by perturbation of left ventrolateral prefrontal cortex. *Cerebral Cortex*. doi:10.1093/cercor/bhr160
- Wais, P. & Gazzaley, A. (2011). The impact of auditory distraction on retrieval of visual memories. *Psychonomic Bulletin & Review*. doi: 10.3758/s13423-011-0169-7
- Wais, P., Martin G. & Gazzaley, A. The impact of visual distraction on retrieval of long-term memory in older adults. *in revision*

Wais, P. Pattern Completion and Separation in Recognition Memory. *in review*

Wais, P. & Gazzaley, A. Neural mechanisms that underlie learning to categorize distorted prototypes with and without visual distraction. *in preparation*

Ad hoc reviewer for:

Cerebral Cortex, Journal of Neuroscience, Hippocampus, Journal of Cognitive Neuroscience, Neuropsychologia, Annals of Neurology, Human Brain Mapping, Acta Psychologica, Experimental Psychology

Previously:

1999-2001	President & CEO of Scharffen Berger Chocolate Maker, Inc. Berkeley, California
1986-1998	President & CEO of Pinole Point Steel Company & Colorstrip, Inc. Richmond, California
1976-1986	various positions at Marwais Steel Company & Pinole Point Steel Company Richmond, California
Presentations	1994-96 American Metal Market Conferences: "Survival in the Steel Industry"
Organizations	2000-2004 Trustee, the Branson School; Chair of Development Committee 1999 Chairman, Ross School Financial Advisory Committee 1995 President, Ross School Foundation
Interests	motorsports (licensed racer), photography and road cycling