

Curriculum Vitae

Timothy John Vickery

Contact information:

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Education

2005-2008	Harvard University	Ph.D. in psychology
2003-2005	Harvard University	M.A. in psychology
1998-2002	Vanderbilt University	B.S. in computer science and psychology Graduated <i>summa cum laude</i>

Research Positions

2008-present	Postdoctoral associate, Yale University, Dept. of Psychology Advisor: Marvin Chun
2003-2008	Graduate Student (NSF Fellowship), Harvard University Advisors: Yuhong Jiang, Ken Nakayama
2002-2003	Research computer programmer, Vanderbilt University Programmed experiments and research tools for Thomas Palmeri, Randolph Blake, and Isabel Gauthier

Honors and Awards

2008	European Conference for Visual Perception Student Travel Award
2007	Summer Institute of Cognitive Neuroscience Fellowship, UCSB
2007	Vision Sciences Society Student Travel Award
2005	Cognitive Science Society Student Travel Award
2003	National Science Foundation Graduate Research Fellowship (taken 2005-2008)
2002	Program in Computer Science Award, Vanderbilt School of Engineering (awarded to one graduating senior in the major)
1998	National Merit Scholarship

Teaching Experience

Fall 2005	Head Teaching Fellow, Vision and Brain
Fall 2004	Teaching Fellow, Statistical methods for psychology (Grad-level)

Ad-Hoc Reviewing

Journal of Experimental Psychology: Human Perception and Performance
Psychological Science
Cognitive Science Society Conference

Publications

Vickery, T.J., & Jiang, Y.V. (in press). Inferior parietal lobule supports decision-making under uncertainty in humans. *Cerebral Cortex*.

Vickery T.J. (2008). Induced perceptual grouping. *Psychological Science*.

Vickery T.J., King L.-W., & Jiang Y. (2005). Setting up the target template in visual search. *Journal Of Vision*, 5(1), 81-92.

Jiang, Y., Kumar A., & Vickery T.J. (2005). Integrating visual arrays in visual-short term memory. *Experimental Psychology*, 52, 39-46.

Refereed conference papers

Vickery, T.J., Hartshorne, J.H., Jiang, Y.V. (2007). Learning to form new perceptual groups. *Proceedings of the Object Perception, Attention, and Memory Conference*.

Vickery, T.J. (2005), Opponent models and heuristic strategies for simple games. *Proceedings of the Twenty-Seventh Annual Conference of the Cognitive Science Society*.

Manuscripts

Vickery, T.J., & Jiang, Y.V. (under revision). Associative grouping: Perceptual grouping of shapes by association.

Vickery, T.J., Shim, W.M., Chakravarthi, R., Jiang, Y.V., and Luedeman, R.L. (under review). Supercrowding: Weakly masking a target greatly enhances crowding.

Vickery, T.J., Sussman, R.S., & Jiang, Y.V. (under revision). Spatial context learning survives interference from working memory load.

Vickery, T.J. (in preparation). The role of extrinsic grouping cues in induced perceptual grouping.

Invited talks

Vickery, T.J., Shim, W.M., Chakravarthi, R., Jiang, Y.V., and Luedeman, R.L. (2008). Breaking the bound: Weakly masking a target greatly enhances crowding. *Invited talk for symposium on crowding at European Conference for Visual Perception*.

Conference abstracts

Vickery, T.J., Shim, W.M., Chakravarthi, R., Jiang, Y.V., and Luedeman, R.L. (2008). Supercrowding: Weakly masking a target greatly enhances crowding. *Vision Sciences Society 2008*.

Jiang, Y.V., Vickery, T.J. (2007). Neural differentiation of the sources of uncertainty in decision-making tasks. *Society for Neuroscience 2007*.

Vickery, T.J., Shim, W.M., Chakravarthi, R., Jiang, Y.V., and Luedeman, R.L. (2007). Enclosure of a target enhances crowding. *Society for Neuroscience 2007*.

Vickery, T.J., Jiang, Y.V. (2007). Second-order perceptual grouping. *Vision Sciences Society 2007*.

Hartshorne, J.H., Vickery, T.J., Jiang, Y.V. (2007). Dissociation between categorization and search. *Vision Sciences Society 2007*.

Vickery, T.J., Jiang, Y.V. (2006). Neural dissociation of attention and decision-making under uncertainty. *Psychonomics Society 2006*.

Vickery, T.J., Jiang, Y.V. (2006). Inferior parietal lobule supports decision-making under uncertainty. *Society for Neuroscience 2006*.

Matthews, C., Eng, H., Vickery, T.J., Shim, W.M., Jiang, Y.V. (2006). Learning of arbitrary visual associations by trial-and-error," *Vision Sciences 2006*.

Vickery, T. J., Sussman, R.S., Jiang, Y.V. (2006). Selective attention and general attentional resources in the learning of spatial context. *Vision Sciences 2006*.

Shim, W.M., Alvarez, G.A., Vickery, T.J., Jiang, Y.V. (2006) Effects of spatial and non-spatial attentional load on posterior parietal cortex. *Vision Sciences 2006*.

Vickery, T.J., Jiang, Y. (2005). Attention and competitive decision making, *Vision Sciences 2005*.

Vickery, T.J., Jiang, Y. (2004). Setting up the target template in visual search. *Psychonomics Society 2004*.

Vickery, T.J., Jiang, Y. (2004) Perceptual set switching: How are target templates changed in visual tasks? *Vision Sciences 2004*.

Kumar, A., Vickery, T.J., Jiang, Y. (2004). Integrating sequential arrays in visual short-term memory. *Vision Sciences 2004*.

Vickery, T.J., Gauthier, I. (2003). Keeping a straight face: configural processing and the aperture capture illusion. *Vision Sciences 2003*.