

Jim Tanaka's Publications
May 2012

Peer-reviewed publications

- Tanaka, J. W., Kantner, J. & Bartlett, M. S. (in press). How category structure influences the perception of object similarity: The atypicality bias. *Frontiers in Perception Science*.
- Anzures, G., Kang, L., Quinn, P., Pascalis, O., Wheeler, A., Heron, M., Slater, A.M., & Tanaka, J. W. (in press). Brief daily exposures to Asian females reverses perceptual narrowing for Asian faces in Caucasian infants. *Journal of Experimental Child Psychology*
- Birmingham, E., Meixner, T., Smilek, D., Iarocci, G., Kanan, C. & Tanaka, J.W. (in press). The Moving Window Technique: a window into developmental changes in attention during facial emotion recognition, *Child Development*.
- Kantner, J. & Tanaka, J. W. (in press). Experience produces the atypicality bias in object perception, *Perception*.
- Tanaka J.W., Wolf J. M, Klaiman, C., Koenig K., Cockburn, J., Herlihy, L., Brown, C., Stahl, S., South, M., McPartland, J., Kaiser, M.D. and Schultz, R.T. (in press) The perception and identification of facial emotions in individuals with Autism Spectrum Disorders using the *Let's Face It!* Emotion Skills Battery. *Journal of Child Psychology and Psychiatry*.
- Tanaka, J. W., Kaiser, M. D., Butler, S. & Le Grand, R. (in press). Mixed emotions: The holistic and analytic perception of facial expressions. *Cognition & Emotion*.
- Gordon, I. & Tanaka, J. W. (2011). Putting a name to a face: The role of name labels in the formation of face memories. *Journal of Cognitive Neuroscience*, 23, 3280-3293.
- Pierce, L. J., Scott, L. S., Boddington, S., Droucker, D., Curran, T., & Tanaka, J. W. (2011). The n250 brain potential to personally familiar and newly learned faces and objects. *Frontiers in Human Neuroscience*, 5, 111.
- Herzmann, G., Willenbockel, V., Tanaka, J. W., & Curran, T. (2011). The neural correlates of memory encoding and recognition for own-race and other-race faces. *Neuropsychologia*, 49, 3103-3115.
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- Gordon, I. & Tanaka, J. W. (2011). The electrophysiological correlates of face naming. *The British Journal of Psychology*, 102, 884-898.
- Willenbockel, V., Fiset, D., & Tanaka, J. W. (2011). Relative influences of lightness and facial morphology on perceived race. *Perception*, 40, 621-624.
- Warren, C. M., Tanaka, J. W., & Holroyd, C. B. (2011). What Can Topology Changes in the Oddball N2 Reveal about Underlying Processes? *Neuroreport*, 22(17): 870-874.
- Tanaka, J. W., Meixner, T.R., & Kantner, J. (2011). Exploring the perceptual spaces of faces, cars and birds in children and adults. *Developmental Science*, 14, 762-768.
- McGugin, R., Gauthier, I., & Tanaka, J.W. (2010). Race-specific perceptual discrimination improvement following short individuation training with faces. *Cognitive Science*, 35, 330-347.
- Willenbockel, V., Sadr, S., Fiset, D., Horne, G.O., Gosselin, F., Tanaka, J.W. (2010). Controlling low-level image properties: The SHINE toolbox. *Behavioral Research Methods*, 42, 671-684.
- Kaiser, M. D., Delmolino, L., Tanaka, J. W., and Shiffrar, M. (2010). Comparison of visual sensitivity to human and object motion in Autism Spectrum Disorder. *Autism Research*, 3, 191-195
- Tanaka, J. W, Wolf, J. M., Klaiman, C., Koenig, K., Cockburn, J., Herlihy, L., Brown, C., Stahl, S., Kaiser, M.D., & Schultz, R.T. (2010). Using computerized games to teach face recognition skills to children with autism spectrum disorder: The *Let's Face It!* program. *Journal of Child Psychology & Psychiatry*, 51, 944-95.
- Rhodes G., Lie H., Ewing L., Evangelista E., & Tanaka, J. W. (2010). Does perceived race affect discrimination and recognition of ambiguous-race faces? *Journal of Experimental Psychology: Learning, Memory & Cognition*, 36, 217-223.

- Mondloch C J, Elms N, Maurer D, Rhodes G, Hayward W G, Tanaka J W, Zhou G. (2010). Processes underlying the cross-race effect: An investigation of holistic, featural, and relational processing of own-race versus other-race faces" *Perception*, 39, 1065 – 1085.
- Willenbockel, V., Fiset, D., Chauvin, A., Blais, C., Arguin, M., Tanaka, J.W., Bub & D.N, Gosselin, F. (2010). Does face inversion change spatial frequency tuning? *Journal of Experimental Psychology: Human Perception & Performance*, 36, 122–135
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- Quinn, P.C. and Tanaka, J.W. (2009). Infants' processing of featural and configural information in the upper and lower halves of the face. *Infancy*, 14, 474 – 487.
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Copyrights and patents

Tanaka, J. W. & Lo, A. *Let's Face It! Program*. A computer-based intervention to teach face recognition skills to children with autism, 2002 copyright.

Book chapters, invited commentaries and reviews

- Quinn, P. C., Anzures, G., Lee, K., Pascalis, O., Slater, A., & Tanaka, J. W. (in press). On the developmental origins of differential responding to social category information. In M. R. Banaji & S. A. Gelman (Eds.), *Navigating the social world: What infants, children, and other species can teach us*. New York: Oxford University Press.
- Tanaka, J. & Gordon, I. Featural, configural and holistic perception of faces (2011). In A. Calder, J. Haxby & G. Rhodes (Eds.), *Handbook of Face Perception*, 177-194, New York: University Oxford Press.
- Williams, R.N. & Tanaka, J.W. Transfer and interference in perceptual expertise: When expertise helps and when it hurts (2010). In M. Banich & D. Caccamise (Eds.) *Transfer and Generalization in Learning*, 31-52, Mahwah, NJ: Lawrence Erlbaum Publishers.
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