

Curriculum Vitae

Thomas W. James

Department of Psychological and Brain Sciences
Indiana University

Contact information

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University Experience

2011- Associate professor, Psychological and Brain Sciences, Indiana University
2011- Associate professor, Program in Neuroscience, Indiana University
2011- Associate professor, Cognitive Science Program, Indiana University
2007- Research Fellow, Kinsey Institute for Research in Sex, Gender and Reproduction
2004-11 Assistant professor, Psychological and Brain Sciences, Indiana University
2004-11 Assistant professor, Program in Neuroscience, Indiana University
2004-11 Assistant professor, Cognitive Science Program, Indiana University
2001-04 Postdoctoral fellow, Dept. of Psychological Science, Vanderbilt University
1996-97 Research assistant, Dept. of Psychology, UWO
1996-97 Statistics consultant, Dept. of Psychology, UWO
1994-95 Neuropsychology research assistant, Dept. of Psychology, UWO
1993-94 Visiting graduate student, Dept. of Psychological Science, Purdue University

Education

2001 PhD in Neuroscience, the University of Western Ontario,
Thesis title: "fMRI response characteristics of object-processing brain regions"
Advisor: Prof. M.A. Goodale
1996 MSc in Neuroscience, the University of Western Ontario,
1992 BSc in Psychology, the University of Western Ontario,

Research Interests

Object recognition and categorization
Perceptual decision making
Perceptual learning, priming, and adaptation
Functional neuroimaging
Visual and somatosensory perception
Sensory integration

Awards, Honors, and Fellowships

2008 Vanderbilt University -- The Randolph Blake Early Career Award
2007 Human Brain Mapping Editors' Choice Award (2006)
2004-09 Member of *Gesellschaft für Unendliche Versuche*
2001-04 Canadian Institutes of Health Research -- Post Doctoral Fellowship
2001 the University of Western Ontario -- Neuroscience PhD Dissertation Award
2000 Southern Ontario Neuroscience Association -- Presentation Award
1997-2001 Medical Research Council of Canada -- Studentship (PhD)
1994-2001 the University of Western Ontario -- Special University Scholarship
1992 the University of Western Ontario -- BS with Dean's Honour List

Extramural Service

Grant Review Panels:

National Science Foundation (NSF)

Editorial Boards:

Frontiers in Integrative Neuroscience
Frontiers in Cognitive Science

External grant reviewer for:

National Science and Engineering Research Council of Canada (NSERC)
National Science Foundation (NSF)
United States-Israel Binational Science Foundation
Indo-US Science and Technology Forum
Netherlands Organization for Scientific Research

Ad Hoc referee for 33 journals:

Behavior Research Methods; BioMed Central; Brain; Brain and Cognition; Brain Research; Brain Topography; Canadian Journal of Experimental Psychology; Cerebral Cortex; Cognition; Consciousness and Cognition; Current Biology; European Journal of Cognitive Psychology; European Journal of Neuroscience; Experimental Brain Research; Human Brain Mapping; Journal of Cognitive Neuroscience; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Human Performance and Perception; Journal of Neurophysiology; The Journal of Neuroscience; Neuroinformatics; NeuroImage; Neuropsychologia; Neuron; NeuroReport; Neuroscience; Neuroscience Letters; Memory and Cognition; Perception; Physiology and Behavior; IEEE Transactions on Haptics; Trends in Cognitive Sciences; Vision Research

Professional Organizations and Memberships

2004- Society for Neuroscience
2004- Vision Sciences Society
1998- Organization for Human Brain Mapping

Departmental, College and University Service

- 2010- Member, Cognitive Science IGERT Graduate Selection committee
- 2010- Member, PBS Student Awards committee
- 2009- Member, PBS Alumni and fund-raising committee
- 2009- Chair, IRF Equipment and Technique Development sub-committee
- 2005- Member, IRF operations committee
- 2004- Coordinator, Indiana University Neuroimaging Group (IUNG)
- 2004- Member, PBS Human subjects committee
- 2007-2011 Spokesperson, PBS Cognitive Neuroscience area
- 2010-2011 Member, PBS Social Neuroscience search committee
- 2010 Member, PBS Stone Age Institute search committee
- 2008 Member, IUB Imaging Research Facility Director search committee
- 2007-2008 Chair, IRF Safety committee
- 2007-2008 Chair/Member, IRF Finance committee
- 2006-2008 Member, IRF Personnel committee
- 2007 Chair, Indiana Neuroimaging Symposium (INS) Planning committee
- 2006 Member, IUSoM Center for Neuroimaging Director search committee
- 2006 Member, PBS Cognitive Neuroscience search committee
- 2004 Member, Brain Imaging Facilities and Planning committee
- 2003 Coordinator, Vanderbilt Vision Research Center fMRI journal club
- 2000-2001 Coordinator, Robarts Research Institute fMRI journal club
- 1997-1998 Coordinator, Object/word recognition discussion group (UWO)

Teaching Experience

- 2005- Neuroimaging: Theory and Methods – graduate course
- 2005- Laboratory in Neuroimaging Methods and Statistics – undergraduate course
- 2007-2010 Introduction to Psychological and Brain Sciences – undergraduate course
- 2004-2006 Introductory Psychology I for Majors – undergraduate course

Trainees

Honors Thesis Students

- 2008-2010 Daniel Eylath – Psychology major
- 2008-2010 Ross VanDerKlok – Neuroscience major
- 2007-2009 Sharada Subramanian – Psychology major
- 2005-2008 Eunji Huh – Psychology major (w/ neuroscience certificate)

Graduate Students

- 2010- W. Drew Bromfeld – PBS / CogSci
- 2010- Maxim Bushmakin – PBS / CogSci
- 2008- Lindsay R. Dachille – PBS
- 2005-2010 Ryan A. Stevenson – PBS / PNS
- 2005-2010 Sunah Kim - CogSci / PNS
- 2005-2007 Lin-Yu Wang – PBS

Postdoctoral Fellows / Research Scientists

2009-2010 Daniel Little – with R. Nosofsky
2006-2010 Heather Rupp – Kinsey Institute
2006-2007 Todd Gureckis – Mathematical Modeling T32
2005-2006 Brian S. Marks – Speech, hearing and sensory communication T32

Ongoing Research Support

National Institutes of Health R21 AA017638

“Brain imaging of appetitive decision making in alcohol-dependent young women”

(PI: James 20% effort)

06/01/2010 - 5/31/2012; \$275,000 total direct costs

National Institutes of Health T32 DC00012

“Training in speech, hearing and sensory communication”

(faculty affiliate; PI: Pisoni)

07/01/2009 - 06/30/2015;

National Science Foundation

“IGERT: The dynamics of brain-body-environment systems in behavior and cognition”

(core faculty; PI: Beer)

07/01/2009 - 06/30/2014;

Pending Research Support

National Science Foundation

“Neural substrates of multisensory feature integration”

(PI: James 20% effort)

05/01/2011 - 4/30/2016; \$786,463 total costs

National Institutes of Health (NEI)

“Neural substrates of multisensory object recognition”

(PI: James 20% effort)

07/01/2011 - 6/30/2016; \$1,250,000 total direct costs

National Institutes of Health T32

“Research training in clinical science”

(core faculty; PI: Viken)

01/01/2011 - 30/12/2015; \$1,855,083 total direct costs

Completed Research Support

Indiana Clinical and Translational Sciences Institute

“Assessing the influence of risk-taking behaviors on adolescent brain development using fMRI”
(Co-PI; PI: Fortenberry)
01/01/2010 – 12/30/2011

National Institutes of Health R21 MH082925
“Assessing the influence of oxytocin on postpartum depression using brain imaging”
(co-PI 20% effort; PI: Heiman)
01/01/2009 - 12/30/2010; \$275,000 total direct costs

Indiana University, Faculty Research Support Program
“The influence of learning on audio-visual integration”
(PI: James)
07/01/2009 - 6/30/2010; \$50,443 total direct costs

Indiana University, Faculty Research Support Program
“Rapid prototyping for cognitive neuroscience research”
(co-PI; PI: Craig)
01/01/2007 - 12/31/2008; \$94,596 total direct costs

Indiana University, Faculty Research Support Program
“Physiological correlates of signal detection in visual cortex measured by fMRI”
(PI: James)
07/01/2005 - 6/30/2007; \$82,420 total direct costs

Manuscripts in preparation or submitted for peer review

Dachille, L.R., Gold, J.M., & **James, T.W.** (in prep). The response of face-selective cortex with single face parts and part combinations. *Neuropsychologia*.

James, T.W., Dachille, L.R., & Gold, J.M. (in prep). Inversion effects in face-selective cortex with combinations of face parts. *Journal of Cognitive Neuroscience*.

James, T.W. (in prep). Design and analysis practices in BOLD fMRI studies depend on sub-field.

Kim, S. & **James, T.W.** (in prep). Handedness influences lateralization of visuo-haptic neuronal convergence. *NeuroImage*.

Lee, S., Lang, A., Kim, S., Stevenson, R.A., & **James, T.W.** (in prep). Neural effects of exposure to emotional faces in media content.

Bushmakin, M., & James, T.W. (submitted). The influence of feature conjunction on object inversion effects. *Journal of Experimental Psychology: General*.

James, T.W., Lee, S., Kim, S., Stevenson, R.A., Lang, A., & Potter, R.F. (submitted). The influence of realism on face-selective brain activation. *Neuropsychologia*.

Rupp, H.A., **James, T.W.**, Ketterson, E.D., Sengelaub, D.R., Ditzen, B., & Heiman, J.R. (submitted). Decreased amygdala activation in postpartum women in response to negative images.

Rupp, H.A., **James, T.W.**, Ketterson, E.D., Sengelaub, D.R., Ditzen, B., & Heiman, J.R. (submitted). Decreased sexual interest in postpartum women: relationship to amygdala activation and oxytocin.

Stevenson, R.A., Bushmakin, M., Kim, S., Puce, A., & **James, T.W.** (under revision). Stimulus effectiveness and multisensory interactions in audiovisual speech event-related potentials. *Brain Topography*.

Journal articles, proceedings, and book chapters

In press

James, T.W., Stevenson, R.A., & Kim, S. (in press). Inverse effectiveness in multisensory processing. In B. Stein (Ed.), *The new handbook of multisensory processes*. Cambridge: MIT Press.

Kim, S., Stevenson, R.A., & **James, T.W.** (in press). Visuo-haptic neuronal convergence demonstrated by an inversely effective pattern of BOLD activation. *Journal of Cognitive Neuroscience*.

2012

James, T.W., & Stevenson, R.A. (2012). The use of fMRI to assess multisensory integration. In M. Wallace & M. Murray (Eds.), *Frontiers in the neural bases of multisensory processes*. London: Taylor and Francis Group.

Nosofsky, R.M., Little, D.R., **James, T.W.** (2012). Activation in the neural network responsible for categorization and recognition reflects parameter changes. *Proceedings of the National Academy of Sciences*, 109, 333-338.

2011

Butler, A.J., **James, T.W.**, Harman James, K. (2011). Enhanced multisensory integration and motor reactivation after active motor learning of audiovisual associations. *Journal of Cognitive Neuroscience*, 23, 3515-3528.

Gureckis, T.M., **James, T.W.**, & Nosofsky, R.M. (2011). Re-evaluating dissociations between implicit and explicit category learning: An event-related fMRI study. *Journal of Cognitive Neuroscience*, 23, 1697-1709.

Kim, S., & **James, T.W.** (2011). Hierarchical neural pathways of haptic object processing. In M.J. Hertenstein & S.J. Weiss (Eds.), *The Handbook of Touch: Neuroscience, Behavioral, and Health Perspectives*. New York: Springer.

James, T.W., Stevenson, R.A., Kim, S., VanDerKlok, R.M., and James, K.H. (2011). Shape from sound: evidence for a shape operator in the lateral occipital cortex. *Neuropsychologia*, 49, 1807-1815.

James, T.W., VanDerKlok, R.M., Stevenson, R.A., & James, K.H. (2011). Multisensory perception of action in posterior temporal and parietal cortices. *Neuropsychologia*, 49, 108-114.

Stevenson, R.A., Stevenson, L.D., Rupp, H.A., Kim, S., Janssen, E., & **James, T.W.** (2011). Incorporating emotions specific to sexual response into the basic and dimensional

theories of emotion using the Indiana Sexual Affective Word Set. *Archives of Sexual Behavior*, 40, 59-78.

Stevenson, R.A., VanderKlok, R.M., Pisoni, D.B., & **James, T.W.** (2011). Discrete neural substrates underlie complementary sensory integration processes in superior temporal cortex. *NeuroImage*, 55, 1339-1345.

2010

James, T.W., Huh, E., & Kim, S. (2010). Temporal and spatial integration of face, object, and scene features in occipito-temporal cortex. *Brain and Cognition*, 74, 112-122.

James, T.W., & Cree, G. (2010). Perceptual and conceptual interactions in object recognition and expertise. In I. Gauthier, M.J. Tarr, and D. Bub (Eds.), *Perceptual Expertise: Bridging Brain and Behavior*. New York: Oxford University Press.

James, T.W., & Kim, S. (2010). Dorsal and ventral cortical pathways for visuo-haptic shape integration revealed using fMRI. In M.J. Naumer & J. Kaiser (Eds.), *Multisensory object perception in the primate brain*. New York: Springer.

Kim, S., & **James, T.W.** (2010). Enhanced effectiveness in visual-haptic object-selective brain regions with increasing stimulus salience. *Human Brain Mapping*, 31, 678-693.

Stevenson, R.A., Altieri, N.A., Kim, S., Pisoni, D.B., **James, T.W.** (2010). Neural processing of asynchronous audiovisual speech perception. *NeuroImage*, 49, 3308-3318.

2009

James, T.W., Stevenson, R.A., Kim, S. (2009). Assessing multisensory integration with additive-factors and functional MRI. *Proceedings of the International Society for Psychophysics 25th Annual Meeting*.

Rupp, H.A., **James, T.W.**, Ketterson, E.D., Sengelaub, D.R., Janssen, E., & Heiman, J.R. (2009). The role of the anterior cingulate cortex in women's sexual decision making. *Neuroscience Letters*, 449, 42-47.

Rupp, H.A., **James, T.W.**, Ketterson, E.D., Sengelaub, D.R., Janssen, E., & Heiman, J.R. (2009). Neural activation in women in response to masculinized male faces: mediation by hormones and psychosexual factors. *Evolution and Human Behavior*, 30, 1-10.

Rupp, H.A., **James, T.W.**, Ketterson, E.D., Sengelaub, D.R., Janssen, E., & Heiman, J.R. (2009). Neural activation in the orbitofrontal cortex in response to male faces increases during the follicular phase. *Hormones and Behavior*, 56, 66-72.

Stevenson, R.A., Kim, S., & **James, T.W.** (2009). An additive-factors design to disambiguate neuronal and areal convergence: Measuring multisensory interactions between audio, visual, and haptic sensory streams using fMRI. *Experimental Brain Research*, 198, 183-194.

Stevenson, R.A., & **James, T.W.** (2009). Audiovisual integration in human superior temporal sulcus: Inverse effectiveness and the neural processing of speech and object recognition. *NeuroImage*, 44, 1210-1223.

Wong, A.C.-N., Jobard, G., James, K.H., **James, T.W.**, & Gauthier, I. (2009). Expertise with characters in alphabetic and non-alphabetic writing systems engage the same occipito-temporal area. *Cognitive Neuropsychology*, *26*, 111-127.

2008

Stevenson, R.A., & **James, T.W.** (2008). Affective auditory stimuli: Characterization of International Digitized Sounds (IADS) by discrete emotional categories. *Behavior Research Methods*, *40*, 315-321.

2007

James, T.W., Kim, S., & Fisher, J.S. (2007). The neural basis of haptic object processing. *Canadian Journal of Experimental Psychology*, *61*, 219-229.

Stevenson, R.A., Mikels, J.A., & **James, T.W.** (2007). Characterization of affective norms for English words by discrete emotional categories. *Behavior Research Methods*, *39*, 1020-1024.

Stevenson, R.A., Geoghegan, M.L., & **James, T.W.** (2007). Superadditive BOLD response in superior temporal sulcus with threshold non-speech objects. *Experimental Brain Research*, *179*, 85-95.

2006

James, T.W., Servos, P., Kilgour, A.R., Huh, E., & Lederman, S. (2006). The influence of familiarity on brain activation during haptic exploration of 3-D facemasks. *Neuroscience Letters*, *397*, 269-273.

James, T.W., & Gauthier, I. (2006). Repetition-induced changes in BOLD response reflect accumulation of neural activity. *Human Brain Mapping*, *27*, 37-46.

2005

James, T.W., James, K.H., Humphrey, G.K., & Goodale, M.A. (2005). Do visual and tactile object representations share the same neural substrate? In M.A. Heller and S. Ballesteros (Eds.), *Touch and Blindness: Psychology and Neuroscience*. Mahwah, NJ: Lawrence Erlbaum.

James, T.W., Shima, D.L., Tarr, M.J., & Gauthier, I. (2005). Generating complex three-dimensional stimuli (Greebles) for haptic expertise training. *Behavior Research Methods*, *37*, 353-358

James, K.H., **James, T.W.**, Jobard, G., Wong, A.C.-N., & Gauthier, I. (2005). Letter processing in the visual system: different activation patterns for single letters and strings. *Cognitive, Affective and Behavioral Neuroscience*, *5*, 452-466.

Kilgour, A.R., Kitada, R., Servos, P., **James, T.W.**, & Lederman, S. (2005). Haptic face identification activates occipito-temporal areas: an fMRI study. *Brain and Cognition*, *59*, 246-257.

2004

Blake, R., Sobel, K.S., & **James, T.W.** (2004). Neural synergy between kinetic vision and touch. *Psychological Science*, *15*, 397-402.

James, T.W., & Blake, R. (2004). Perceiving object motion using vision and touch. *Cognitive, Affective and Behavioral Neuroscience*, *4*, 201-207.

James, T.W., & Gauthier, I. (2004). Brain areas engaged during visual judgments by involuntary access to novel semantic information. *Vision Research*, *44*, 429-439.

Up to 2003

Gauthier, I., **James, T.W.**, Curby, K.M., & Tarr, M.J. (2003). The influence of conceptual knowledge on visual discriminations. *Cognitive Neuropsychology*, *20*, 507-523.

James, T.W., & Gauthier, I. (2003). Auditory and action semantic features activate sensory-specific perceptual brain regions. *Current Biology*, *13*, 1792-1796.

James, T.W., Culham, J.C., Humphrey, G.K., Milner, A.D., & Goodale, M.A. (2003). Ventral occipital lesions impair object recognition but not object-directed grasping: A fMRI study. *Brain*, *126*, 2463-2475.

James, T.W., Humphrey, G.K., Gati, J.S., Menon, R.S., & Goodale, M.A. (2002). Differential effects of viewpoint on object-driven activation in dorsal and ventral streams. *Neuron*, *35*, 793-801.

James, T.W., Humphrey, G.K., Gati, J.S., Servos, P., Menon, R.S., & Goodale, M.A. (2002). Haptic study of three-dimensional objects activates extrastriate visual areas. *Neuropsychologia*, *40*, 1706-1714.

James, T.W., Humphrey, G.K., Gati, J.S., Menon, R.S., & Goodale, M.A. (2000). The effects of visual object priming on brain activation before and after recognition. *Current Biology*, *10*, 1017-1024.

Wilkinson, F., **James, T.W.**, Wilson, H., Gati, J.S., Menon, R.S., & Goodale, M.A. (2000). Radial and concentric gratings selectively activate human extrastriate form areas: an fMRI study. *Current Biology*, *10*, 1455-1458.

Humphrey, G.K., **James, T.W.**, Gati, J.S., Menon, R.S., & Goodale, M.A. (1999). Perception of the McCollough effect correlates with activity in extrastriate cortex: A functional MRI study. *Psychological Science*, *10*, 444-448.

James, T.W., Humphrey, G.K., Gati, J.S., Menon, R.S., & Goodale, M.A. (1999). Repetition priming and the time course of object recognition: An fMRI study. *Neuroreport*, *10*, 1019-1023.

James, T.W. & Kimura, D. (1997). Sex differences in remembering the locations of objects in an array: Location shift versus location exchange. *Evolution and Human Behavior*, *18*, 155-164.

Invited Symposia, Colloquia, Panels, and Seminars

James, T.W. (2010). Assessing multisensory integration with additive-factors and functional MRI. Neuroscience colloquium series, York University, Toronto, Canada.

James, T.W. (2009). Assessing multisensory integration with additive-factors and functional MRI. Center for Vision Research, York University, Toronto, Canada.

- James, T.W.** (2009). Assessing multisensory integration with additive-factors and functional MRI. *Advances in Mutli-modal Sensory Psychophysics* symposium at the *International Society for Psychophysics 25th Annual Meeting*, Galway, Ireland.
- James, T.W.** (2009). Panel discussant, Imaging Technology, Indiana CTSI Retreat, Purdue University, West Lafayette, USA.
- James, T.W.** (2009). fMRI of Agnosia Reveals Visual Pathways for Action and Perception, Department of Psychology, DePauw University, Greencastle, USA.
- James, T.W.** (2009). Neural substrates of visual-haptic object recognition, Department of Psychological Sciences, Vanderbilt University, Nashville, USA.
- James, T.W.** (2008). Assessing A/V multisensory integration using BOLD fMRI, *Current Perspectives in Multisensory Processing* symposium at the annual meeting of *Theoretical and Experimental Neuropsychology (TENNET)*, Waterloo, Canada.
- James, T.W.** (2007). Neural substrates of haptic object recognition, Department of Psychology, Dalhousie University, Halifax, Canada.
- James, T.W.** (2006). fMRI studies of object perception with visual agnosia, Department of Psychology, Miami University of Ohio, Oxford, USA.
- James, T.W.** (2006). Neural mechanisms of haptic face and object recognition. Department of Psychology, Miami University of Ohio, Oxford, USA.
- James, T.W.** (2005). Hierarchical processing of visual form and surface properties revealed by fMRI. School of Optometry, Indiana University, Bloomington, USA.
- James, T.W., & Gauthier, I.** (2004). Experience induced changes in the timecourse of brain activation. *Computational Neuroimaging: Adaptation and Priming*, University of Minnesota, USA
- James, T.W.** (2004). Neural mechanisms of object recognition. Department of Psychology, Dalhousie University, Halifax, Canada.
- James, T.W.** (2004). Neural mechanisms of object recognition. Department of Cognitive and Linguistic Sciences, Brown University, Providence, USA.
- James, T.W.** (2004). Neural mechanisms of object recognition. Department of Psychology, Atkinson Faculty, York University, Toronto, Canada.
- James, T.W.** (2004). Neural mechanisms of object recognition. Department of Psychology, Indiana University, Bloomington, USA.
- Goodale, M.A., **James, T.W.**, Culham, J.C., Humphrey, G.K., & Milner, A.D. (2003). fMRI studies of action and perception pathways in the brain of an individual with visual form agnosia. Twenty-sixth Annual meeting of the *European Conference on Visual Perception*, Paris, France.
- Culham, J.C., **James, T.W.**, Steeves, J.E., Humphrey, G.K., Milner, A.D., & Goodale, M.A. (2003). fMRI investigations of spared visual abilities in a patient with visual form agnosia. *Meeting of the International Neuropsychological Symposium*, Mondello, Sicily.
- James, T.W.** (2002). Techniques for analyzing functional MRI datasets. *Brain Sciences Program Workshop: fMRI Methods*, Brown University, Providence, USA
- James, T.W.** (2002). fMRI response characteristics of object-processing brain regions. Department of Psychology, University of Toronto, Toronto, Canada.
- James, T.W.** (2000). The use of functional MRI in psychological research. Department of Psychology Department, the University of Western Ontario, London, Canada.

James, T.W. (1999). Imaging the damaged brain. *Citywide Neuropsychology Rounds*, London, Canada.

Contributed and Competitive Abstracts

2011

James, T.W., Bushmakin, M., Stanton, H., & Danielson, E. (2011). Face inversion with sequential restricted viewing. *Eleventh Annual meeting of the Vision Sciences Society*, Naples, USA.

2010

Dachille, L., & **James, T.W.** (2010). The role of isolated face features and face feature combinations in the fusiform face area. *Tenth Annual meeting of the Vision Sciences Society*, Naples, USA.

Kim, S., & **James, T.W.** (2010). The influence of handedness on visuo-haptic multisensory object processing. *Thirty-third Annual meeting of the European Conference on Visual Perception*, Lausanne, Switzerland.

Rupp, H.A., **James, T.W.**, Ketterson, E.D., Sengelaub, D.R., Janssen, E., Muñoz, F., & Heiman, J.R. (2010). Women's Propensity for Sexual Inhibition and Excitation and Neural Responsiveness to Visual Sexual Stimuli. *Fifty-Third Annual meeting of the Society for the Scientific Study of Sexuality*, Las Vegas, USA.

Rupp, H.A., **James, T.W.**, Ketterson, E.D., Sengelaub, D.R., Janssen, E., Muñoz, F., & Heiman, J.R. (2009). Postpartum and nulliparous women differ in the relationship between oxytocin and amygdala activation in response to negative stimuli. *Annual meeting of the Society for Behavioral Neuroendocrinology*, Toronto, Canada.

2009

James, T.W., Huh, E., & Kim, S. (2009). The fusiform face area is recruited more for sequential than holistic processing: an aperture viewing study. *Ninth Annual meeting of the Vision Sciences Society*, Naples, USA.

Kim, S., Eylath, D., Stevenson, R.A., & **James, T.W.** (2009). Neuronal convergence of visual and somatosensory shape processing in both ventral and dorsal streams. *Society for Neuroscience, 39th Annual Meeting*, Chicago, USA.

Kim, S., Eylath, D., Stevenson, R.A., Scott, A.T., & **James, T.W.** (2009). Inverse effectiveness in the left but not right lateral occipital cortex during visuo-haptic object categorization. *Tenth Annual International Multisensory Research Forum*, New York, USA.

Rupp, H.A., **James, T.W.**, Ketterson, E.D., Sengelaub, D.R., Janssen, E., & Heiman, J.R. (2009). Menstrual cycle influences on women's attention and neural response to potential sexual partners. *Fifty-second Annual meeting of the Society for the Scientific Study of Sexuality*, Puerto Vallarta, Mexico.

- Rupp, H.A., **James, T.W.**, Ketterson, E.D., Sengelaub, D.R., Janssen, E., & Heiman, J.R. (2009). Hormonal influences on women's neural responses and attention during sexual decision-making. Annual meeting of the *Society for Behavioral Neuroendocrinology*, East Lansing, USA.
- Stevenson, R.A., VanDerKlok, R.M., Kim, S., & **James, T.W.** (2009). Different neural networks underlie temporal asynchrony and semantic incongruity effects in audiovisual speech. *Society for Neuroscience, 39th Annual Meeting*, Chicago, USA.
- Stevenson, R.A., Altieri, N.A., Kim, S., Pisoni, D.B., & **James, T.W.** (2009) Different neural networks underlie temporal synchrony and stimulus saliency effects with audiovisual speech. *Aging and Speech Communication: An International and Interdisciplinary Research Conference*. Bloomington, USA.
- Stevenson, R.A., Kim, S., & **James, T.W.** (2009). Investigating viable criteria to assess neuronal convergence with BOLD fMRI. *Tenth Annual International Multisensory Research Forum*, New York, USA.
- Stevenson, R.A., VanDerKlok, R.M., Kim, S., & **James, T.W.** (2009). Distinct BOLD responses with perceived synchronous and asynchronous audiovisual speech in multisensory STS. *Ninth Annual meeting of the Vision Sciences Society*, Naples, USA.

2008

- Huh, E., Kim, S., & **James, T.W.** (2008). The influence of sequential integration on brain activation in the left anterior fusiform gyrus. Second annual meeting of the *Indiana Neuroimaging Symposium*, Indianapolis, USA.
- Kim, S., Eylath, D., Stevenson, R.A., & **James, T.W.** (2008). Different neural characteristics between ventral and dorsal pathways in visuo-haptic object shape processing. Second annual meeting of the *Indiana Neuroimaging Symposium*, Indianapolis, USA.
- Kim, S., Eylath, D., Stevenson, R.A., & **James, T.W.** (2008). Evidence for ventral and dorsal neural pathways for visuo-haptic object recognition. *Ninth International Multisensory Research Forum*, Hamburg, Germany.
- Lee, S., Kim, S., Stevenson, R.A., **James, T.W.**, & Lang, A. (2008). Neural effects of exposure to emotional faces: human and human-like animal cartoons versus human and animal pictures. Annual meeting of the *Society for Psychophysiological Research*, Austin, USA.
- Lee, S., Kim, S., Stevenson, R.A., **James, T.W.**, & Lang, A. (2008). Neural effects of exposure to emotional faces: human and human-like animal cartoons versus human and animal pictures. Second annual meeting of the *Indiana Neuroimaging Symposium*, Indianapolis, USA.
- Rupp, H.A., **James, T.W.**, Ketterson, E.D., Sengelaub, D.R., Janssen, E., & Heiman, J.R. (2008). Women's neural activation in response to potential sexual partners changes across the menstrual cycle. Annual meeting of the *Society for Psychophysiological Research*, Austin, USA.
- Rupp, H.A., **James, T.W.**, Ketterson, E.D., Sengelaub, D.R., Janssen, E., & Heiman, J.R. (2008). Women's neural activation in response to masculinized versus feminized male faces: mediation by hormones and psychosexual factors. Second annual meeting of the *Indiana Neuroimaging Symposium*, Indianapolis, USA.

Stevenson, R.A., Altieri, N.A., Kim, S., & **James, T.W.** (2008). Effects of temporal synchrony on the neural processing of speech. Second annual meeting of the *Indiana Neuroimaging Symposium*, Indianapolis, USA.

Stevenson, R.A., Altieri, N.A., Kim, S., & **James, T.W.** (2008). Anatomically and functionally distinct regions within multisensory superior temporal sulcus differentially integrate temporally-asynchronous speech. Ninth *International Mutisensory Research Forum*, Hamburg, Germany.

2007

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