

## Curriculum Vitae

### Thomas W. James

Department of Psychological and Brain Sciences  
Perception and Neuroimaging Laboratory  
Indiana University

### Contact information

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<http://www.indiana.edu/~panlab/home.html>

### University Experience

2016- Professor of Psychological and Brain Sciences, Indiana University  
2016- Professor, Program in Neuroscience, Indiana University  
2016- Professor, Cognitive Science Program, Indiana University  
2007- Research Fellow, Kinsey Institute for Research in Sex, Gender and Reproduction  
2011-16 Associate professor, Psychological and Brain Sciences, Indiana University  
2011-16 Associate professor, Program in Neuroscience, Indiana University  
2011-16 Associate professor, Cognitive Science Program, Indiana University  
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

Perceptual decision-making  
Object recognition and categorization  
Sensory integration  
Functional neuroimaging  
Perceptual learning, priming, and adaptation

### **Awards, Honors, and Fellowships**

2015 Recognized as Fellow of the Association for Psychological Science  
2014 IU CEWiT – Outstanding Faculty Mentor Award  
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:

2014-2016 National Sciences and Engineering Research Council (NSERC)  
Life Sciences Discovery Grants Evaluation Group  
2009-2010 National Science Foundation (NSF)  
Cognitive Neuroscience Panel

#### Editorial Boards:

Nature Scientific Reports  
Frontiers in Integrative Neuroscience

#### *External grant reviewer for:*

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

#### *Ad Hoc referee for 43 journals:*

Addictive Behaviors; Behavior Research Methods; BioMed Central; Brain; Brain and Behavior; Brain and Cognition; Brain Imaging and Behavior; Brain Research; Brain Topography; Canadian Journal of Experimental Psychology; Cerebral Cortex; Cognition; Consciousness and Cognition; Current Biology; Current Directions in Psychological Science; European Journal of Cognitive Psychology; European Journal of Neuroscience; Experimental Brain Research; Human Brain Mapping; Journal of Cognitive Neuroscience; Journal of Cognitive Psychology; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Human Performance and Perception; Journal of Neurophysiology; The Journal of Neuroscience; Neural Plasticity; Neuroinformatics; NeuroImage; Neuropsychologia; Neuron;

NeuroReport; Neuroscience; Neuroscience Letters; Memory and Cognition; Perception; Physiology and Behavior; PLOS ONE; Social Neuroscience; Socioaffective Neuroscience and Psychology; IEEE Transactions on Haptics; Trends in Cognitive Sciences; Vision Research; Visual Cognition

### **Professional Organizations and Memberships**

Association for Psychological Science (Fellow)  
Society for Neuroscience  
Vision Sciences Society  
Organization for Human Brain Mapping

### **IUB Imaging Facility Service**

2005-pres. Member, Imaging Research Facility operations committee  
2013-2015 Chair, IRF Scan Time Allocation and Tracking sub-committee  
2009-2012 Member, IRF Steering sub-committee  
2009-2012 Chair, IRF Equipment and Technique Development sub-committee  
2007-2008 Chair, IRF Safety committee  
2006-2008 Member, IRF Personnel committee  
2004-2012 Coordinator, Indiana University Neuroimaging Group (IUNG)  
2008 Chair, IRF Finance committee  
2007 Member, IRF Finance committee  
2007 Chair, Indiana Neuroimaging Symposium (INS) Planning committee  
2004 Member, Brain Imaging Facilities and Planning committee

### **Departmental Service**

2018-pres. Member, PBS Diversity Advancement committee  
2014-pres. Member, PBS Undergraduate Program committee  
2010-pres. Member, PBS Student Awards committee  
2014-2016 Member, PBS Graduate Program committee  
2012-2016 Member, PBS Graduate Admissions committee  
2012-2016 Member, PBS Technology Advisory committee  
2012-2016 Spokesperson, PBS Cognitive Neuroscience area  
2007-2011 Spokesperson, PBS Cognitive Neuroscience area  
2004-2016 Member, PBS Human Subjects committee

### **Search Committees**

2017 Chair, PBS Ad Hoc Search Committee for Overath  
2013 Member, PBS Computational Neuroscience search committee  
2013 Chair, PBS Ad Hoc Search Committee for Overath  
2012 Member, PBS Ad Hoc Search Committee for Gill Center  
2011 Member, PBS Social Neuroscience search committee  
2010 Member, PBS Social Neuroscience search committee  
2010 Member, PBS Ad Hoc search committee for Stone Age Institute  
2007 Member, PBS Ad Hoc Search Committee for Rotello

- 2007 Member, search committee for Imaging Research Facility Director
- 2006 Member, PBS Cognitive Neuroscience search committee
- 2006 Member, search committee for IUSoM Center for Neuroimaging Director

**Other University Service**

- 2017-pres. Leader, Advocates and Allies for Equity program
- 2018 Member, Campus Assessment Committee on Gender and Faculty Satisfaction
- 2016-pres. Member, Office of Student Conduct, Sexual Misconduct Hearing Panel
- 2016-pres. Member, Center of Excellence for Women in Technology, Faculty Advisory Council
- 2015-pres. Member, Center of Excellence for Women in Technology, Advisory Board
- 2013-pres. Member, Program in Neuroscience, Graduate Admissions Committee
- 2013-pres. Member, Cognitive Science, Graduate committee
- 2015-2016 Member, College Academic Fairness Committee
- 2014-2016 Member, Center of Excellence for Women in Technology, Faculty Leadership Team
- 2015 Leader, CEWiT, Working Group (Circle) for Retention of Women Faculty
- 2013-2015 Chair, Program in Neuroscience, Colloquium committee
- 2005-2010 Member, Cognitive Science, Graduate committee
- 2010 Member, Cognitive Science, IGERT Graduate Selection 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**

- 2013-pres. Introduction to fMRI Measurement and Analysis – graduate course
- 2005-pres. Neuroimaging: Theory and Methods – graduate course
- 2005-pres. 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

- 2014-2015 Rebecca Polk – Psychology major
- 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

- 2017- Kristen "Kess" Sanders -- PBS
- 2017- Daniel Levitas -- PBS
- 2015-2018 E. Isabella "Bella" Manfredi – PBS / PNS (MS)
- 2012- Anastasia Nikoulina -- CogSci
- 2011-2017 Allison J. Lake – PBS  
Postdoc at IUSoM  
After Clinical internship at VA Ann Arbor Healthcare System

- 2010-2018 W. Andrew "Drew" Bromfeld – PBS / PNS  
2015-2016 Kimberly Simmons -- CogSci  
2010-2015 Maxim Bushmakin – PBS / CogSci  
Researcher at Neurala  
after postdoc at Brandeis University  
after postdoc at Northeastern University  
2010-2015 R. Joanne Jao Keehn – PBS / CogSci  
Postdoc at San Diego State University  
2008-2014 Lindsay R. Arcurio – PBS  
Centerstone Outpatient Services  
after Postdoc at NIH-IRP  
after Postdoc at NIAAA  
2005-2010 Ryan A. Stevenson – PBS / PNS  
Assistant Professor, Western University (04/01/2016)  
after Banting Fellow at Univ. of Toronto  
after Postdoc at Vanderbilt U.  
2005-2010 Sunah Kim - CogSci / PNS  
Senior Researcher at Samsung R&D  
after Postdoc at UC Berkeley  
2005-2007 Lin-Yu Wang – PBS

**Postdoctoral Fellows / Research Scientists**

- 2009-2010 Daniel Little – with R. Nosofsky  
2006-2010 Heather Rupp – Kinsey Institute T32  
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 T32  
“Research training in clinical science”  
(core faculty; PIs: Hetrick)  
07/01/2015 - 06/30/2020; \$1,855,083 total direct costs

**Pending Research Support**

None.

**Completed Research Support**

Last 3 years:  
None.

Complete List:

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 - 06/30/2015;

National Institutes of Health R21 AA017638

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

(PI:James 20% AY effort)

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

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% AY effort; PI: Heiman)

01/01/2009 - 12/30/2010; \$275,000 total direct costs

Indiana University, Faculty Research Support Program

“Combining Formal Cognitive Modeling and fMRI Studies of Perceptual Categorization and Recognition”

(co-PI; PI: Nosofsky)

01/01/2013 - 12/31/2013; \$31,500 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

### Invited Symposia, Colloquia, Panels, and Seminars

- James, T.W.** (2018). *Neural mechanisms of decision making: Are drinking decisions different from other decisions?* Alcohol and Drugs Featured Speaker – Association of Student Conduct Administration Drive-In Conference, Indiana University Bloomington, US-IN.
- James, T.W.** (2018). Male Allies and Advocates for Equity at Indiana University. Symposium presented to the *Internet2 Inclusivity Initiative at the Internet2 Global Summit*, San Diego, USA-CA.
- James, T.W.** (2018). Advocates and Allies for Equity. Presented to Customer Success Unit, US Education Section, Microsoft Corporation, Windermere, USA-FL.
- James, T.W.** (2016). Neural mechanisms of perceptual decision-making. Peabody College, Vanderbilt University, US-TN.
- James, T.W.** (2015). Neural systems of perception: Perception, decision, and action. Department of Psychological and Brain Sciences, University of Delaware, US-DE.
- Vinci-Booher, S., **James, T.W.**, & James, K.H. (2015). The influence of visual-motor experiences on development of brain mechanisms subserving letter perception. *Biennial meeting of the Society for Research in Child Development*, Philadelphia, US-PA.
- Vinci-Booher, S., **James, T.W.**, & James, K.H. (2015). Investigating functional connectivity in the developing brain using generalized psychophysiological interactions analysis. *Biennial meeting of the Society for Research in Child Development*, Philadelphia, US-PA.
- James, T.W.** (2014). Symposium Chair “Multisensory Convergence”. *Association for Psychological Science, 26<sup>th</sup> Annual Convention*, San Francisco, US-CA.
- James, T.W.** (2014). Neural circuits involved in decisions-to-drink in alcohol dependent women. *Alcohol Research Center*, Indianapolis, US-IN.
- James, T.W.** (2012). Neural substrates of visuohaptic object recognition. *Annual Meeting of the Tactile Research Group*, Minneapolis, US-MN.
- James, T.W.** (2010). Assessing multisensory integration with additive-factors and functional MRI. Neuroscience colloquium series, York University, Toronto, CA-ON.
- James, T.W.** (2009). Assessing multisensory integration with additive-factors and functional MRI. Center for Vision Research, York University, Toronto, CA-ON.
- 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 25<sup>th</sup> Annual Meeting*, Galway, IE-G.
- James, T.W.** (2009). Panel discussant, Imaging Technology, Indiana CTSI Retreat, Purdue University, West Lafayette, US-IN.
- James, T.W.** (2009). fMRI of Agnosia Reveals Visual Pathways for Action and Perception, Department of Psychology, DePauw University, Greencastle, US-IN.
- James, T.W.** (2009). Neural substrates of visual-haptic object recognition, Department of Psychological Sciences, Vanderbilt University, Nashville, US-TN.

- 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, CA-ON.
- James, T.W.** (2007). Neural substrates of haptic object recognition, Department of Psychology, Dalhousie University, Halifax, CA-NS.
- James, T.W.** (2006). fMRI studies of object perception with visual agnosia, Department of Psychology, Miami University of Ohio, Oxford, US-OH.
- James, T.W.** (2006). Neural mechanisms of haptic face and object recognition. Department of Psychology, Miami University of Ohio, Oxford, US-OH.
- James, T.W.** (2005). Hierarchical processing of visual form and surface properties revealed by fMRI. School of Optometry, Indiana University, Bloomington, US-IN.
- James, T.W., & Gauthier, I.** (2004). Experience induced changes in the timecourse of brain activation. *Computational Neuroimaging: Adaptation and Priming*, University of Minnesota, US-MN.
- James, T.W.** (2004). Neural mechanisms of object recognition. Department of Psychology, Dalhousie University, Halifax, CA-NS.
- James, T.W.** (2004). Neural mechanisms of object recognition. Department of Cognitive and Linguistic Sciences, Brown University, Providence, US-RI.
- James, T.W.** (2004). Neural mechanisms of object recognition. Department of Psychology, Atkinson Faculty, York University, Toronto, CA-ON.
- James, T.W.** (2004). Neural mechanisms of object recognition. Department of Psychology, Indiana University, Bloomington, US-IN.
- 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, FR-J.
- 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, IT-PA.
- James, T.W.** (2002). Techniques for analyzing functional MRI datasets. *Brain Sciences Program Workshop: fMRI Methods*, Brown University, Providence, US-RI.
- James, T.W.** (2002). fMRI response characteristics of object-processing brain regions. Department of Psychology, University of Toronto, Toronto, CA-ON.
- James, T.W.** (2000). The use of functional MRI in psychological research. Department of Psychology Department, the University of Western Ontario, London, CA-ON.
- James, T.W.** (1999). Imaging the damaged brain. *Citywide Neuropsychology Rounds*, London, CA-ON.

### **Manuscripts in preparation or submitted for peer review**

- Arcurio, L.R., Finn, P.R., & **James, T.W.** (in prep). Functional connectivity during decisions-to-drink in alcohol dependent women. *Neuroimage*.
- Bushmakina, M.A., & **James, T.W.** (in prep). Brain activation to feature conjunctions in whole objects, *NeuroImage*.



- Jao, R.J., James, K.H., **James, T.W.** (in prep). Decreased coupling between dorsal and ventral visuohaptic convergence zones with development. *NeuroImage*.
- Kim, S. & **James, T.W.** (in prep). Handedness influences lateralization of visuo-haptic neuronal convergence. *NeuroImage*.
- Lake, A.J., Finn, P.R., & **James, T.W.** (in prep). The impact of emotional relevance on intrinsic network activation in externalizing psychopathology.
- Lee, S., Lang, A., Kim, S., Stevenson, R.A., & **James, T.W.** (in prep). Neural effects of exposure to emotional faces in media content.
- Nikoulina, A., Arcurio, L.R., Finn, P.R., Potter, R.F., & **James, T.W.** (in prep). Listening to self-selected 'party' songs increases women's decisions to drink alcohol.
- Polk, R., Nikoulina, A., Potter, R.F., Finn, P.R., **James, T.W.** (in prep). The effect of sexual content in music on women's decisions to drink.
- Sanders, K., Arcurio, L.R., Friedberg, D., Finn, P.R., Heiman, J.R., Rupp, H.A., & **James, T.W.** (in prep). Neural correlates of risky sexual decisions in alcohol dependent and healthy women.
- Kim, Y., Talbott, J.S., **James, T.W.** (submitted). Is "sell" a four letter word? Overcoming negative perception by rebranding sales jobs. *Journal of Business Research*.

### Journal articles, proceedings, and book chapters

*In press*  
None.

2018

Vinci-Booher, S., Sturgeon, J., **James, T.W.**, & James, K.H. (2016). The MRItab: A MR-compatible touchscreen with video-display. *Journal of Neuroscience Methods*, 306, 10-18.

2017

Lake, A.J., Finn, P.R., & **James, T.W.** (2017). Neural correlates of emotion reappraisal in individuals with externalizing psychopathology. *Brain Imaging and Behavior*, 11, 76-85.

2016

Vinci-Booher, S., **James, T.W.**, & James, K.H. (2016). Visual-motor functional connectivity in preschool children emerges after handwriting experience. *Trends in Neuroscience and Education*, 5, 107-120.

2015

Arcurio, L.R., Finn, P.R., & **James, T.W.** (2015). Neural mechanisms of high-risk decisions-to-drink in alcohol dependent women. *Addiction Biology*, 20, 390-406.

Hensel, D.J., Hummer, T., Arcurio, L.R., **James, T.W.**, Fortenberry, D. (2015). Feasibility of fMRI to understand adolescent women's decision making. *Journal of Adolescent Health*, 56, 389-395.

- James, T.W.**, Potter, R.F., Lee, S., A., Kim, S., Stevenson, & R.A., Lang (2015). How realistic should avatars be? An initial fMRI investigation of activation of the face perception network by real and animated faces. *Journal of Media Psychology*, *27*, 109-117.
- Jao, R.J., **James, T.W.**, & James, K.H. (2015). Crossmodel enhancement in the LOC for visuo-haptic object recognition over development. *Neuropsychologia*, *77*, 76-89.

#### 2014

- Bushmakina, M.A., & **James, T.W.** (2014). The influence of feature combination on object inversion and conversion effects. *Perception*, *43*, 31-42.
- Jao, R.J., **James, T.W.**, & James, K.H. (2014). Multisensory convergence of visual and haptic object preference across development. *Neuropsychologia*, *56*, 381-392.
- Rupp, H.A., **James, T.W.**, Ketterson, E.D., Sengelaub, D.R., Ditzen, B., & Heiman, J.R. (2014). Amygdala response to negative images in postpartum versus nulliparous women and intranasal oxytocin. *Social Cognitive and Affective Neuroscience*, *9*, 48-54.
- Stevenson, R.A., Sarko, D.K., Nidiffer, A.R., Ghose, D., Fister, J.K., Altieri, N.A., Siemann, J.K., **James, T.W.**, & Wallace, M.T. (2014). Identifying and quantifying multisensory integration: A tutorial review. *Brain Topography*, *27*, 707-730.

#### 2013

- James, T.W.**, Arcurio, L.R., & Gold, J.M. (2013). Inversion effects in face-selective cortex with combinations of face parts. *Journal of Cognitive Neuroscience*, *25*, 455-464.
- James, T.W.**, & James, K.H. (2013). Expert individuation of objects increases activation in the fusiform face area of children. *NeuroImage*, *67*, 182-192.
- Rupp, H.A., **James, T.W.**, Ketterson, E.D., Sengelaub, D.R., Ditzen, B., & Heiman, J.R. (2013). Lower sexual interest in postpartum women: relationship to amygdala activation and intranasal oxytocin. *Hormones and Behavior*, *63*, 114-121.
- Wakefield, E.M., **James, T.W.**, & James, K.H. (2013). Neural correlates of gesture processing across human development. *Cognitive Neuropsychology*, *30*, 58-76.

#### 2012

- Arcurio, L.R., Gold, J.M., & **James, T.W.** (2012). The response of face-selective cortex with single face parts and part combinations. *Neuropsychologia*, *50*, 2454-2459.
- James, T.W.**, Stevenson, R.A., & Kim, S. (2012). Inverse effectiveness in multisensory processing. In B. Stein (Ed.), *The new handbook of multisensory processes*. Cambridge: MIT Press.
- 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.
- Kim, S., Stevenson, R.A., & **James, T.W.** (2012). Visuo-haptic neuronal convergence demonstrated by an inversely effective pattern of BOLD activation. *Journal of Cognitive Neuroscience*, *24*, 830-842.
- 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.

Stevenson, R.A., Bushmakin, M., Kim, S., Wallace, M.T., Puce, A., & **James, T.W.** (2012). Inverse effectiveness and multisensory interactions in visual event-related potentials with audiovisual speech. *Brain Topography*, *25*, 308-326.

#### 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 25<sup>th</sup> 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

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- 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.
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## 2004

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

### **Contributed and Competitive Abstracts**

2019

Hardy, M., Levitas, D., & **James, T.W.** (2019). Impact of emotional salience on evidence accumulation and moment of recognition. Twenty-Sixth Annual meeting of the *Cognitive Neuroscience Society*, San Francisco, USA-CA.

Levitas, D., Hardy, M., & **James, T.W.** (2019). Impact of emotional salience on evidence accumulation and moment of recognition. Nineteenth Annual meeting of the *Vision Sciences Society*, St. Petersburg, USA-FL.

Sanders, K., & **James, T.W.** (2019). Alcoholic drink preferences modulate acquired salience. Nineteenth Annual meeting of the *Vision Sciences Society*, St. Petersburg, USA-FL.

Vinci-Booher, S., Nikoulina, A., **James, T.W.**, & James, K.H. (2019). Sensorimotor contingency leads to developmental changes in the neural mechanisms supporting visual recognition. Twenty-Sixth Annual meeting of the *Cognitive Neuroscience Society*, San Francisco, USA-CA.

2018

**James, T.W.**, & Nikoulina, A. (2018). Party music and drinking decisions: multisensory effects of alcohol-related cues. Nineteenth *International Multisensory Research Forum*, Toronto, Canada.

Lake, A.J., Finn, P.R., & **James, T.W.** (2018). Visual correlates of emotion regulation in externalizing psychopathology. *Fifth annual conference of the Society for Affective Science*, Los Angeles, USA-CA.

Nikoulina, A., Betzel, R.F., Finn, P.R., & **James, T.W.** (2018). Functional network connectivity across rest, music-listening, and working memory steady states in young adults with alcohol use disorder. Sixth Biennial Conference on *Resting State and Brain Connectivity*, Montreal, Canada.

Nikoulina, A.I., **James, T.W.**, Sites, J., Jamison-Koenig, E., Read, G. & Potter, R.F. (2018). *Content Analysis of Music Alcohol-Dependent Women and Controls Associate with 'Going Out' versus 'Staying Home.'* Paper presented to the *Mass Communication and Society Division at the annual conference of the Association for Education in Journalism and Mass Communication*, Washington, USA-DC.

Polk, R.J., Lake, A.J., Finn, P.R., James, T.W. (2018) Attentional biases for negative affective stimuli in externalizing populations. *Fifth annual conference of the Society for Affective Science*, Los Angeles, USA-CA.

2016

Vinci-Booher, S., Sehgal, N., Munoz-Rubke, F., Cheng, H., **James, T.W.**, & James, K.H. (2016). Perceptual and Motor Effects of Letter Writing on Brain Regions Associated with Letter Perception. Sixteenth Annual meeting of the *Vision Sciences Society*, St. Petersburg, USA-FL.

2015

Bushmakin, M.A., & **James, T.W.** (2015). Feature fragments and evidence accumulation in object and face perception. Fifteenth Annual meeting of the *Vision Sciences Society*, St. Petersburg, USA-FL.

**James, T.W.**, Arcurio, L.R., Nikoulina, A. (2015). The role of sensory cortex and cortical “hubs” in category-specific executive function. Fifteenth Annual meeting of the *Vision Sciences Society*, St. Petersburg, USA-FL.

Jao, R.J., James, K.H., & **James, T.W.** (2015). The development and organization of visuohaptic modality-biased signals in the LOC. Fifteenth Annual meeting of the *Vision Sciences Society*, St. Petersburg, USA-FL.

Lake, A.J., Finn, P.R., **James, T.W.** (2015). Vision-emotion interactions during emotion reappraisal in individuals with externalizing psychopathology. *Second annual conference of the Society for Affective Science*, Oakland, US-CA.

Nikoulina, A., Arcurio, L.R., Finn, P.R., **James, T.W.** (2015). Favorite party music preferentially increases the rate of drinking decisions in women with alcohol use disorder. *Annual meeting of the Society for Music Perception and Cognition*, Nashville, USA-TN.

Vinci-Booher, S., **James, T.W.**, & James, K.H. (2015). Functional connections during letter perception reflect experience with hand-printing individual letters. *Annual meeting of the Cognitive Neuroscience Society*, San Francisco, US-CA.

2014

Bromfield, W.D., & **James, T.W.** (2014). Task-dependent reliance on image fragments in humans. Fourteenth Annual meeting of the *Vision Sciences Society*, St. Petersburg, USA-FL.

Bushmakin, M.A., & **James, T.W.** (2014). Evidence for feature integration in the fusiform face area. Fourteenth Annual meeting of the *Vision Sciences Society*, St. Petersburg, USA-FL.

Jao, R.J., James, K.H., & **James, T.W.** (2014). Development of dorsal and ventral stream connectivity: A visuohaptic psychophysiological interaction study. Fourteenth Annual meeting of the *Vision Sciences Society*, St. Petersburg, USA-FL.

Jao, R.J., James, K.H., & **James, T.W.** (2014). Functional connectivity analysis shows developmental changes in visuohaptic brain networks. Twenty-sixth Annual convention of the *Association for Psychological Science*, San Francisco, USA-FL.

2013

- Arcurio, L.R., Finn, P.R., Heiman, J.R., & **James, T.W.** (2013). Alcohol cues associated with high-risk activate reward regions in alcohol dependent women. Annual Conference of the *Research Society on Alcoholism*, Orlando, USA-FL.
- Bushmakin, M.A., & **James, T.W.** (2013). The face inversion effect as an inefficiency in evidence accumulation. Thirteenth Annual meeting of the *Vision Sciences Society*, Naples, USA-FL.
- Hensel, D.J., Arcurio, L.R., **James, T.W.**, Fortenberry, D.J. (2013). Feasibility of fMRI to examine adolescent risk taking. Annual Conference of the *Society for Adolescent Health and Medicine*, Atlanta, USA-GA.
- Jao, R.J., **James, T.W.**, & James, K.H. (2013). Visuohaptic crossmodal matching: a developmental fMRI study. Thirteenth Annual meeting of the *Vision Sciences Society*, Naples, USA-FL.
- Lake, A.J., Finn, P.R., & **James, T.W.** (2013). Neural correlates of emotion reappraisal in individuals with externalizing psychopathology and negative affect. Sixth Annual Meeting of the *Social and Affective Neuroscience Society*, San Francisco, USA-CA

#### 2012

- Bushmakin, M.A., & **James, T.W.** (2012). The influence of feature combination on object inversion effects. *Twelfth Annual meeting of the Vision Sciences Society*, Naples, USA.
- Lake, A.J., **James, T.W.**, & Finn, P.R. (2012). Neural networks of emotion regulation in externalizing psychopathology and negative affectivity. Annual Conference of the *Association for Psychological Science*, Chicago, USA-IL.
- Pickholtz, E.Y., Finn, P.R., Heiman, J.R., & **James, T.W.** (2012). Neurological activation in response to alcohol cues in non-alcoholic women: a fmri pilot study. Annual Conference of the *Research Society on Alcoholism*, San Francisco, USA-CA.

#### 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-FL.

#### 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 Multisensory Research Forum*, Hamburg, Germany.

#### 2007

- Krishnan, G., Marks, B.S., **James, T.W.**, & Cheng, H. (2007). A comparison of latency measurement techniques in functional MRI. *Fourth Annual Conference of the Organization for Human Brain Mapping*, Chicago, USA
- Rupp, H.A., **James, T.W.**, Ketterson, E.D., Sengelaub, D.R., Janssen, E., & Heiman, J.R. (2007). Menstrual cycle and partner risk modulate patterns of neural activation in women in response to photos of male faces. *The Society for Neuroscience*, 37th annual meeting, San Diego, USA.
- Rupp, H.A., **James, T.W.**, Ketterson, E.D., Sengelaub, D.R., Janssen, E., & Heiman, J.R. (2007). Menstrual cycle and partner risk modulate patterns of neural activation in women in response to photos of male faces. Annual meeting of the *International Academy of Sex Research*, Vancouver, Canada.
- Rupp, H.A., **James, T.W.**, Ketterson, E.D., Sengelaub, D.R., & Heiman, J.R. (2007). Menstrual cycle phase modulates women's neural activation patterns in response to photos of male faces. Annual meeting of the *Society for Behavioral Neuroendocrinology*, Pacific Grove, USA.
- Stevenson, R.A., Geoghegan, M.L., & **James, T.W.** (2007). Degrading audio-visual stimuli inversely affects superadditive multisensory enhancement in the BOLD signal. *Fourth Annual Conference of the Organization for Human Brain Mapping*, Chicago, USA

#### 2006

**James, T.W.**, Kilgour, A.R., Servos, P., Kitada, R., Huh, E., & Lederman, S.J. (2006). Haptic exploration of facemasks recruits left fusiform gyrus. *Sixth Annual meeting of the Vision Sciences Society*, Sarasota, USA

2005

Wong, A.C.-N., Jobard, G., **James, T.W.**, James, K.H., & Gauthier, I. (2005). Experience-associated neural selectivity to single characters. *Eleventh Annual Conference of the Organization for Human Brain Mapping*, Toronto, Canada.

2004

**James, T.W.**, & Gauthier, I. (2004). Backward masking reveals greater fMRI activation with primed objects. *Fourth Annual meeting of the Vision Sciences Society*, Sarasota, USA

James, K.H., Martelli, M., **James, T.W.**, Pelli, D.G. & Gauthier, I. (2004). fMRI Reveals the Role of the Left Anterior Fusiform Gyrus in Letter Detection and Identification. *Fourth Annual meeting of the Vision Sciences Society*, Sarasota, USA.

Kilgour, A.R., Servos, P., **James, T.W.**, & Lederman, S.J. (2004). Functional MRI of haptic face recognition. *Thirteenth Annual Rotman Research Institute Conference*, Toronto, Canada.

Up to 2003

**James, T.W.**, & Gauthier, I. (2003). fMRI Studies of Multi-Modal Semantic Knowledge using Artificial Concepts. *Third Annual meeting of the Vision Sciences Society*, Sarasota, USA

Goodale, M.A., **James, T.W.**, Culham, J.C., Humphrey, G.K., & Milner, A.D. (2003). FMRI confirmation of a neurological dissociation between perceiving objects and grasping them. *Third Annual meeting of the Vision Sciences Society*, Sarasota, USA

**James, T.W.**, Sobel, K.V., & Blake, R. (2003). Human MT+ and the resolution of visual structure from motion by tactile perception. *Fourth annual meeting of the International Multisensory Research Forum*, Hamilton, Canada.

Sobel, K.V., **James, T.W.**, & Blake, R. (2003). Tactile perception facilitates resolution of visual conflict. *Third Annual meeting of the Vision Sciences Society*, Sarasota, USA

**James, T.W.**, Humphrey, G.K., Gati, J.S., Menon, R.S., & Goodale, M.A. (2002). View Invariance in the Dorsal but not the Ventral Visual Stream Revealed using fMRI. *Second Annual meeting of the Vision Sciences Society*, Sarasota, USA

**James, T.W.**, Humphrey, G.K., Gati, J.S., Servos, P., Menon, R.S., & Goodale, M.A. (2001). Visual and haptic object priming have similar effects on activation in extra-striate cortex. *First Annual meeting of the Vision Sciences Society*, Sarasota, USA

**James, T.W.**, Humphrey, G.K., Gati, J.S., Menon, R.S., & Goodale, M.A. (2000). The Effects of Attention and Priming on Behavioural Performance and Brain Activation During Visual Object Recognition. *The Southern Ontario Neuroscience Association 20<sup>th</sup> Annual Meeting*, London, Canada.

**James, T.W.**, Humphrey, G.K., Gati, J.S., Menon, R.S., & Goodale, M.A. (2000). A new look at visual object priming and brain activation. *Southern Ontario Neuropsychology Group*, London, Canada.

**James, T.W.**, Humphrey, G.K., Gati, J.S., Menon, R.S., & Goodale, M.A. (1999). The fMRI Response in the Occipitotemporal and Parietal Cortex During Object Recognition. *The Society for Neuroscience 29<sup>th</sup> Annual Meeting*, Miami, USA

- James, T.W.**, Wilkinson, F., Wilson, H.R., Gati, J.S., Menon, R.S., & Goodale, M.A. (1999). FMRI Activation in Fusiform Face Area is Greater to Concentric than to Radial Displays. *The Association for Research in Vision and Ophthalmology Annual Meeting*, Fort Lauderdale, USA
- James, T.W.**, Humphrey, G.K., Gati, J.S., Menon, R.S., & Goodale, M.A. (1999). Activation of High-Level Visual Areas During the Recognition of Primed Stimuli. *The Association for the Scientific Study of Consciousness 3rd Annual Conference*, London, Canada.
- James, T.W.**, Humphrey, G.K., Gati, J.S., Menon, R.S., & Goodale, M.A. (1998). The McCollough Effect Produces Increased fMRI Signal in the Fusiform and Lingual Gyri. *Fourth Annual Conference of the Organization for Human Brain Mapping*, Montreal, Canada.
- James, T.W.**, Humphrey, G.K., Gati, J.S., Menon, R.S., & Goodale, M.A. (1998). Repetition Priming and Attention Modulate the fMRI Signal from the Posterior Fusiform Gyrus. *The Society for Neuroscience 28th Annual Meeting*, Los Angeles, USA
- James, T.W.**, Gati, J.S., Menon, R.S. & Goodale, M.A. (1998). Modulation of fMRI Signal Intensity in Occipitotemporal Cortex during Object Recognition. *Canadian Society for Brain, Behaviour and Cognitive Science 8th Annual Meeting*, Ottawa, Canada.
- James, T.W.**, Gati, J.S., Menon, R.S., & Goodale, M.A. (1997). Mapping the Object Recognition Pathway in Human Cortex Using fMRI. Conference on *Vision for Reach and Grasp*, University of Minnesota, USA
- James, T.W.** (1996). Factors Influencing Sex Differences in Object Location Memory. *Canadian Society for Brain, Behaviour and Cognitive Science 6th Annual Meeting*, Montreal, Canada
- James, T. W.** & Kimura, D. (1995). Sex differences in Object Location Memory. *Southern Ontario Neuropsychology Group*, Waterloo, Canada.

**Personal**

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