

September 2018

CURRICULUM VITAE

MELVYN ALAN GOODALE

ADDRESS: The Brain and Mind Institute
Natural Sciences Centre
The University of Western Ontario
London, ON, Canada N6A 5B7

EMAIL: mgoodale@uwo.ca

WEBSITE: <http://www.uwo.ca/bmi/goodalelab/>

EDUCATION:

Ph.D.	(Psychology)	University of Western Ontario	1969
M.A.	(Psychology)	University of Calgary	1966
B.A.	(Psychology)	University of Alberta	1963

PROFESSIONAL EXPERIENCE:

2008-pres.	Scientist	Imaging	Robarts Research Institute
2001-pres.	Professor	Visual Neuroscience	Canada Research Chairs Program
1999-pres.	Professor	Physiol./Pharmacol.	Univ. of Western Ontario
1983-pres.	Professor	Psychology	Univ. of Western Ontario
1977-83	Assoc Professor	Psychology	Univ. of Western Ontario
1972-77	Lecturer	Psychology	Univ. of St. Andrews, Scotland
1971-72	Research Fellow	Psychology	Univ. of St. Andrews, Scotland
1969-71	Postdoctoral Fellow	Psychology	Univ. of Oxford, England

SCHOLARLY AND PROFESSIONAL ACTIVITIES (last six years only):

Appraiser: Dept. Cognitive, Linguistic, and Psychological Sciences, Brown University

Action Editor: Experimental Brain Research

Associate Editor: Neuropsychologia, Proceedings of the Royal Society B, Multisensory Research

Director: The Brain and Mind Institute, University of Western Ontario

Co-Director: Azrieli Program on Brain, Mind, and Consciousness, CIFAR

Member: Nominating Committee, Vision Sciences Society
Organizing Committee, CAOS Workshops
Newton Fellowships, Royal Society (UK)

LEARNED SOCIETIES:

Fellow, American Psychological Society
 Founding Member of Neurosciences Association
 Founding Member of Canadian Society for Brain, Behaviour, and Cognitive Science
 Past-President, Canadian Society for Brain, Behaviour, and Cognitive Science
 Member of Society for Neuroscience
 Member of Vision Sciences Society
 Member of International Neuropsychological Symposium
 Member of Psychonomic Science
 Past-President of the Association for the Scientific Study of Consciousness

HONOURS, AWARDS, AND NAMED LECTURES:

Ivey Fellow, Canadian Institute for Advanced Research (appointed 2016)
 Honorary Visiting Professor, La Trobe University, Melbourne, Australia (2014-2017)
 Fellow of the Royal Society of Biology, UK (elected 2014)
 Fellow of the Royal Society, UK (elected 2013)
 Donald O. Hebb Memorial Lecture, Dalhousie University, 2013
 Fellow, American Psychological Society, 2010
 Richard C. Tees Award for Distinguished Leadership (CSBBCS), 2008
 Distinguished University Professor, 2007
 Allen L. Edwards Lecture, University of Washington, Seattle, 2007
 Kanizsa Lecture, University of Trieste, Italy, 2006
 Hellmuth Prize for Scientific Achievement, 2006
 Annual Book Award (“Sight Unseen” with A.D. Milner), British Psychological Society, 2005
 Fellow of the Royal Society of Canada (elected 2001)
 Canada Research Chair (Tier 1) in Visual Neuroscience, 2001-present
 Honorary Professor, Department of Psychology, University of Durham, 2003-2006
 Alkek Lecture in Neuroscience, Rice University, 2000
 Helmholtz Lecture, University of Utrecht, The Netherlands, 2000
 Chair’s Invited Plenary Lecture, British Neuropsychological Society, London, England, 2000
 Distinguished Lecturer in Psychology, University of Alberta, 1999
 Donald O. Hebb Distinguished Contribution Award (CSBBCS) 1999
 Cornelius Wiersma Visiting Professor of Biology, Caltech, 1998-1999
 Edward G. Pleva Award for Excellence in Teaching, 1994

CURRENT RESEARCH GRANTS: (note: continuous funding by MRC/CIHR and NSERC since 1980 (ending 2016) and 1979, respectively)

2017-2022	NSERC	Discovery grant	\$625,000.
2014-2019	CIFAR	Research grant	\$400,000.
2016-2023	CFREF	BrainsCAN (1 of 10 PIs)	\$66,000,000.
2016-2019	ARC	Discovery Project (Co-investigator)	\$362,000 (AUS)
2016-2019	ARC	Discovery Project (Co-investigator)	\$399,500 (AUS)

PUBLICATIONS

Papers in Refereed Journals:

- Arcaro, M. J., Thaler, L., Quinlan, D. J., Monaco, S., Khan, S., Valyear, K. F., Goebel, R., Dutton, G.N., **Goodale M.A.**, Kastner S. & Culham, J. C. (2018). Psychophysical and neuroimaging responses to moving stimuli in a patient with the Riddoch phenomenon due to bilateral visual cortex lesions. *Neuropsychologia*. Published online.
- Chen, J., Sperandio I., & **Goodale, M.A.** (2018). Proprioceptive distance cues restore perfect size constancy in grasping, but not perception, when vision is limited. *Current Biology*, 28(6), 927-932.
- Chen, J., Snow, J.C., Culham, J.C., & **Goodale, M.A.** (2018). What role does "elongation" play in "tool-specific" activation and connectivity in the dorsal and ventral visual streams? *Cerebral Cortex*, 28(4), 1117-1131.
- Goodale, M.A.**, & Milner, A.D. (2018). Two Visual Pathways—where have they taken us and where will they lead in future? *Cortex*, 98, 283-292.
- Mundinano, I.C., Fox, D.M., Kwan, W.C., Vidaurre, D., Teo, L., Homman-Ludiye, J., **Goodale, M.A.**, Leopold, D.A. & Bourne, J.A. (2018). Transient visual pathway critical for normal development of primate grasping behavior. *Proceedings of the National Academy of Sciences (USA)*, 115, 1364-1369.
- Freud, E., Macdonald, S.N., Chen, J., Quinlan, D.J., **Goodale, M.A.**, & Culham, J.C. (2018). Getting a grip on reality: Grasping movements directed to real objects and images rely on dissociable neural representations. *Cortex*, 98, 34-48.
- Whitwell, R.L., **Goodale, M.A.**, Merritt, K. E., & Enns, J. T. (2018). The Sander parallelogram illusion dissociates action and perception despite control for the litany of past confounds. *Cortex*, 98, 163-176.
- Striemer, C.L., Chapman, C.S., & **Goodale, M.A.** (2018). The role of non-conscious visual processing in obstacle avoidance: A commentary on Ross et al. (2016). *Cortex*, 98, 269-275.
- Mundinano, I.C., Chen, J., de Souza, M., Sarossy, M.G., Joannisse, M.F., **Goodale, M.A.**, & Bourne, J.A. (2017). More than blindsight: Case report of a child with extraordinary visual capacity following perinatal bilateral occipital lobe injury. *Neuropsychologia*. Published online
- Striemer, C.L., Whitwell, R.L., & **Goodale, M.A.** (2017). Affective blindsight in the absence of input from face processing regions in occipital-temporal cortex. *Neuropsychologia*. Published online
- Ganel, T., & **Goodale, M.A.** (2017). Still holding after all these years: An action-perception dissociation in patient DF. *Neuropsychologia*. Published online
- Ganel, T., & **Goodale M.A.** (2017). The effects of smiling on perceived age defy belief. *Psychonomic Bulletin and Review*. Published online
- Tang, R., Shen, B., Sang, Z., Song, A., & **Goodale M.A.** (2017). Fitts' Law is modulated by movement history. *Psychonomic Bulletin and Review*. Published online
- Wood, D.K., Chouinard, P.A., Major, A.J., & **Goodale, M.A.** (2017). Sensitivity to biomechanical limitations during postural decision-making depends on the integrity of posterior superior parietal cortex. *Cortex*, 97, 202-220.
- Whitwell, R.L. & **Goodale, M.A.** (2017). Real and illusory issues in the illusion debate (Why two things are sometimes better than one): Commentary on Koppishe et al. (2016). *Cortex*, 88, 205-209.

Papers in Refereed Journals: (cont'd)

- Chouinard, P.A., Meena, D.K., Whitwell, R.L., Hilchey, M.D., & **Goodale, M.A.** (2017). A TMS investigation on the role of lateral occipital complex and caudal intraparietal sulcus in the perception of object form and orientation. *Journal of Cognitive Neuroscience*, *29*, 881-895.
- Merritt, K.E., Seergobin, K.N., Mendonça, D.A., Jenkins, M.E., **Goodale, M.A.**, & MacDonald, P.A. (2017). Automatic online motor control is intact in Parkinson's disease with and without perceptual awareness. *eNeuro*. 4(5). pii: ENEURO.0215-17.2017.
- Arnold, D.H., Williams, J.D., Phipps, N.E., & **Goodale, M.A.** (2016). Sharpening vision by adapting to flicker. *Proceedings of the National Academy of Sciences (USA)*, *113*, 12556-12561.
- Thaler, L. & **Goodale, M.A.** (2016). Echolocation in humans: an overview. *Wiley Interdisciplinary Reviews. Cognitive Science* *7*, 382-393.
- Yabe, Y., Dave, H., & **Goodale M.A.** (2016). Temporal distortion in the perception of actions and events. *Cognition*, *158*, 1-9.
- Whitwell, R.L., Buckingham, G., Enns, J.T., Chouinard, P.A., & **Goodale M.A.** (2016). Rapid decrement in the effects of the Ponzo display dissociates action and perception. *Psychonomic Bulletin and Review*, *23*, 1157-1163
- Paulun, V.C., Gegenfurtner, K.R., **Goodale, M.A.**, & Fleming, R.W. (2016). Effects of material properties and object orientation on precision grip kinematics. *Experimental Brain Research*, *234*, 2253-2265.
- Buckingham, G., **Goodale, M.A.**, White, J.A., Westwood, D.A. (2016). Equal-magnitude size-weight illusions experienced within and between object categories. *Journal of Vision*, *16*(3):25.
- Tang, R., Whitwell, R.L., & **Goodale, M.A.** (2016). Unusual hand postures but not familiar tools show motor equivalence with precision grasping. *Cognition*, *151*, 28-36.
- Crewther, D. P., Crewther, D., Bevan, S., **Goodale, M. A.**, & Crewther, S. G. (2015). Greater magnocellular saccadic suppression in high versus low autistic tendency suggests a causal path to local perceptual style. *Royal Society Open Science*, *2*, 150226.
- Thaler, L., Paciocco, J., Daley, M., Lesniak, G.D., Purcell, D.W., Fraser, J.A., Dutton, G.N., Rossit, S., **Goodale, M.A.**, & Culham, J.C. (2016). A selective impairment of perception of sound motion direction in peripheral space: A case study. *Neuropsychologia*, *80*, 79-89.
- Stöttinger, E., Filipowicz, A., Valadao, D., Culham, J.C., **Goodale, M.A.**, Anderson, B., & Danckert, J. (2015). A cortical network that marks the moment when conscious representations are updated. *Neuropsychologia*, *79*, 113-122.
- Snow, J.C., **Goodale, M.A.**, & Culham, J.C. (2015). Preserved haptic shape processing after bilateral LOC lesions. *Journal of Neuroscience*, *35*, 13745-13760.
- Carey, D.P., Otto-de Haart, E.G., Buckingham, G., Dijkerman, H.C., Hargreaves, E.L., & **Goodale, M.A.** (2015). Are there right hemisphere contributions to visually-guided movement? Manipulating left hand reaction time advantages in dextrals. *Frontiers in Psychology*, *6*:1203.
- Foley, R.T., Whitwell, R.L., & **Goodale, M.A.** (2015). The two-visual-systems hypothesis and the perspectival features of visual experience. *Consciousness and Cognition*, *35*, 225-233.
- Wood, D.K., Gu, C., Corneil, B.D., Gribble, P.L., & **Goodale, M.A.** (2015). Transient visual responses reset the phase of low-frequency oscillations in the skeletomotor periphery. *European Journal of Neuroscience*, *42*, 1919-1932.

Papers in Refereed Journals: (cont'd)

- Whitwell, R.L., Ganel, T., Byrne, C.M., & **Goodale M.A.** (2015). Real-time vision, tactile cues, and visual form agnosia: removing haptic feedback from a "natural" grasping task induces pantomime-like grasps. *Frontiers in Human Neuroscience*, 9:216.
- Tang, R., Whitwell, R.L., & **Goodale, M.A.** (2015). The influence of visual feedback from the recent past on the programming of grip aperture is grasp-specific, shared between hands, and mediated by sensorimotor memory not task set. *Cognition*, 138, 49-63.
- Buckingham, G., Milne, J.L., Byrne, C.M., & **Goodale M.A.** (2015). The size-weight illusion induced through human echolocation. *Psychological Science*, 26, 237-242.
- Smith, F.W., & **Goodale, M.A.** (2015). Decoding visual object categories in early somatosensory cortex. *Cerebral Cortex*, 25, 1020-1031.
- Yabe, Y. & **Goodale, M.A.** (2015). Time flies when we intend to act: temporal distortion in a go/no-go task. *Journal of Neuroscience*, 35, 5023-5029.
- Chen, J., Jayawardena, S., & **Goodale, M.A.** (2015). The effects of shape crowding on grasping. *Journal of Vision*. 15(3). pii: 6. doi: 10.1167/15.3.6.
- Chen, J., Sperandio, I., & **Goodale, M.A.** (2015). Differences in the effects of crowding on size perception and grip scaling in densely cluttered 3-D scenes. *Psychological Science*, 26, 58-69.
- Milne J.L., Arnott S.R., Kish, D., **Goodale M.A.**, & Thaler, L. (2015). Parahippocampal cortex is involved in material processing via echoes in blind echolocation experts. *Vision Research*, 109, 139-148.
- Striemer, C.L., Chouinard, P.A., **Goodale, M.A.**, & de Ribaupierre, S. (2015). Overlapping neural circuits for visual attention and eye movements in the human cerebellum. *Neuropsychologia*, 69, 9-21.
- Vercillo, T., Milne, J.L., Gori, M., & **Goodale, M.A.** (2015). Enhanced auditory spatial localization in blind echolocators. *Neuropsychologia*, 67, 35-40.
- Whitwell, R.L., Milner, A.D., & **Goodale, M.A.** (2014). The two visual systems hypothesis: new challenges and insights from visual form agnostic Patient DF. *Frontiers in Neurology* 5:255.
- Milne, J.L., Anello, M., **Goodale, M.A.**, & Thaler, L. (2014). A blind human expert echolocator shows size constancy for objects perceived by echoes. *Neurocase*, 29, 1-6.
- Milne J.L., **Goodale, M.A.**, & Thaler, L. (2014). The role of head movements in the discrimination of 2-D shape by blind echolocation experts. *Attention, Perception, and Psychophysics*, 76, 1828-1837.
- Gallivan, J.P., Cant J.S., **Goodale M.A.**, & Flanagan J.R. (2014). Representation of Object Weight in Human Ventral Visual Cortex. *Current Biology*, 24,1866-1873.
- Goodale, M.A.** (2014). How (and why) the visual control of action differs from visual perception. *Proceedings of the Royal Society B.*, 281, 20140337.
- Buckingham, G., Wong, J.D., Tang, M., Gribble, P.L., & **Goodale M.A.** (2014). Observing object lifting errors modulates cortico-spinal excitability and improves object lifting performance. *Cortex*, 50, 115-124.
- Ganel, T. & **Goodale, M.A.** (2014). Variability-based Garner interference for perceptual estimates but not for grasping. *Experimental Brain Research*, 232, 1751-1758.
- Tang, R., Whitwell, R.L., & **Goodale M.A.** (2014). Explicit knowledge about the availability of visual feedback affects grasping with the left but not the right hand. *Experimental Brain Research*, 232, 293-302.

Papers in Refereed Journals: (cont'd)

- Podrebarac, S.K., **Goodale, M.A.**, & Snow, J.C. (2014). Are visual texture-selective areas recruited during haptic texture discrimination? *Neuroimage*, *94*, 129-137.
- Buckingham, G., Byrne, C.M., Paciocco, J., van Eimeren, L., & **Goodale, M.A.** (2014). Weightlifting exercise and the size-weight illusion. *Attention, Perception, and Psychophysics*, *76*, 452-459.
- Chapman, C.S., Gallivan, J.P., Wood, D.K., Milne, J.L., Ansari, D., Culham, J.C., & **Goodale, M.A.** (2014). Counting on the motor system: rapid action planning reveals the format- and magnitude-dependent extraction of numerical quantity. *Journal of Vision*, *14*(3):30.
- Yabe, Y., **Goodale, M.A.**, & Shigemasa, H. (2014). Temporal order judgments are disrupted more by reflexive than by voluntary saccades. *Journal of Neurophysiology*, *111*, 2103-2108.
- Thaler, L., Milne, J.L., Arnott, S.R., Kish, D., & **Goodale, M.A.** (2014). Neural correlates of motion processing through echolocation, source hearing and vision in blind echolocation experts and sighted echolocation novices. *Journal of Neurophysiology*, *111*, 112-127.
- Whitwell, R.L., Milner A.D., Cavina-Pratesi, C., Byrne, C.M., & **Goodale, M.A.** (2014). DF's visual brain in action: The role of tactile cues. *Neuropsychologia*, *55*, 41-50.
- Sperandio, I., Kaderali, S., Chouinard, P.A., Frey, J., & **Goodale, M.A.** (2013). Perceived size change induced by nonvisual signals in darkness: the relative contribution of vergence and proprioception. *Journal of Neuroscience*, *33*, 16915-16923.
- Brown, L.E., & **Goodale, M.A.** (2013). A brief review of the role of training in near-tool effects. *Frontiers in Psychology*, *4*:576.
- Goodale, M.A.** (2013). Separate visual systems for perception and action: a framework for understanding cortical visual impairment. *Developmental Medicine and Child Neurology*, *55 Suppl 4*, 9-12.
- Rossit, S., McAdam, T., McLean, D.A., **Goodale, M.A.**, & Culham, J.C. (2013). fMRI reveals a lower visual field preference for hand actions in human superior parieto-occipital cortex (SPOC) and precuneus. *Cortex*, *49*, 2525-2541.
- Milne, J.L., Chapman, C.S., Gallivan, J.P., Wood, D.K., Culham, J.C., & **Goodale, M.A.** (2013). Connecting the dots: Object connectedness deceives perception but not movement planning. *Psychological Science*, *24*, 1456-1465.
- Johnston, K., Timney, B., & **Goodale, M.A.** (2013). Acute alcohol consumption impairs controlled but not automatic processes in a psychophysical pointing paradigm. *PLoS One*, *8*(7), e68682.
- Whitwell, R.L. & **Goodale, M.A.** (2013). Grasping without vision: Time normalizing grip aperture profiles yields spurious grip scaling to target size. *Neuropsychologia*, *51*, 1878-1887.
- Podrebarac, S.K., **Goodale, M.A.**, van der Zwan, R., & Snow, J.C. (2013). Gender-selective neural populations: evidence from event-related fMRI repetition suppression. *Experimental Brain Research*, *226*, 241-252.
- Arnott, S.R., Thaler, L., Milne, J.L., Kish, D., & **Goodale, M.A.** (2013). Shape-specific activation of occipital cortex in an early blind echolocation expert. *Neuropsychologia*, *51*, 938-949.
- Thaler, L., Schütz, A.C., **Goodale, M.A.**, & Gegenfurtner, K.R. (2013). What is the best fixation target? The effect of target shape on stability of fixational eye movements. *Vision Research*, *76*, 31-42.

Papers in Refereed Journals: (cont'd)

- Buckingham, G. & Goodale, M.A. (2013). Size matters: a single representation underlies our perceptions of heaviness in the size-weight illusion. *PLoS One*, *8*(1), e54709.
- Chouinard, P.A., Striener, C.L., Ryu, W.H., Sperandio, I., **Goodale, M.A.**, Nicolle, D.A., Rotenberg, B., & Duggal, N. (2012). Retinotopic organization of the visual cortex before and after decompression of the optic chiasm in a patient with pituitary macroadenoma. *Journal of Neurosurgery*, *117*, 218-224.
- Buckingham, G., Ranger, N.S., & **Goodale, M.A.** (2012). Handedness, laterality and the size-weight illusion. *Cortex*, *59*, 2941-2951.
- Milner, A.D., Ganel, T., & **Goodale, M.A.** Does grasping in patient D.F. depend on vision? *Trends in Cognitive Sciences*, *16*, 256-257.
- Sperandio, I., Chouinard, P.A., & **Goodale, M.A.** (2012). Retinotopic activity in V1 reflects the perceived not the retinal size of an after-image. *Nature Neuroscience*, *15*, 540-542.
- Chouinard, P.A. & Goodale, M.A. (2012). fMRI-adaptation to highly-rendered color photographs of animals and manipulable artifacts during a classification task. *Neuroimage*, *59*, 2941-2951.
- Sperandio, I., Lak, A., & **Goodale, M.A.** (2012). Afterimage size is modulated by size-contrast illusions. *Journal of Vision*, *12*(2).
- Thaler, L. & **Goodale, M.A.** (2011). Neural substrates of visual spatial coding and visual feedback control for hand movements in allocentric and target-directed tasks. *Frontiers in Human Neuroscience*, *5*, 92. doi: 10.3389/fnhum.2011.00092
- Westwood, D.A. & **Goodale, M.A.** (2011). Converging evidence for diverging pathways: Neuropsychology and psychophysics tell the same story. *Vision Research*, *51*, 804-811.
- Goodale, M.A.** (2011). Transforming vision into action. *Vision Research*, *51*, 1567-1587.
- Snow, J.C., Pettypiece, C.E., McAdam, T.D., McLean, A.D., Stroman, P.W., **Goodale, M.A.**, & Culham, J.C. (2011). Bringing the real world into the fMRI scanner: Repetition effects for pictures versus real objects. *Science Reports*, *1*, 130.
- Wood, D.K., Gallivan, J.P., Chapman, C.S., Milne, J.L., Culham, J.C., & **Goodale M.A.** (2011). Visual salience dominates early visuomotor competition in reaching behavior. *Journal of Vision*, *22*, 11(10).
- Rossit, S., Fraser, J.A., Teasell, R., Malhotra, P.A., & **Goodale, M.A.** (2011). Impaired delayed but preserved immediate grasping in a neglect patient with parieto-occipital lesions. *Neuropsychologia*, *49*, 2498-2504.
- Thaler, L. & **Goodale, M.A.** (2011). Reaction times for allocentric movements are 35 ms slower than reaction times for target-directed movements. *Experimental Brain Research*, *211*, 313-328.
- Striener, C.L., Chouinard, P.A., & **Goodale, M.A.** (2011). Programs for action in superior parietal cortex: A triple-pulse TMS investigation. *Neuropsychologia*, *49*, 2391-2399.
- Thaler, L., Arnott, S.R., & **Goodale, M.A.** (2011). Neural correlates of natural human echolocation in early and late blind echolocation experts. *PLoS One*, *6*(5):e20162.
- Chapman, C.S., Gallivan, J.P., Culham, J.C., & **Goodale, M.A.** (2011). Mental blocks: fMRI reveals top-down modulation of early visual cortex when obstacles interfere with grasp planning. *Neuropsychologia*, *49*, 1703-1717.
- Cant, J.S. & **Goodale, M.A.** (2011). Scratching beneath the surface: new insights into the functional properties of the lateral occipital area and parahippocampal place area. *Journal of Neuroscience*, *31*, 8248-8258.

Papers in Refereed Journals: (cont'd)

- Strother, L., Mathuranath, P.S., Aldcroft, A., Lavell, C, **Goodale, M.A.**, Vilis. T. (2011). Face inversion reduces the persistence of global form and its neural correlates. *PLoS One*, 6(4):e18705.
- Whitwell, R.L., Striemer, C.L., Nicolle, D.A., & **Goodale, M.A.** (2011). Grasping the non-conscious: Preserved grip scaling to unseen objects for immediate but not delayed grasping following a unilateral lesion to primary visual cortex. *Vision Research*, 51, 908-924.
- Gallivan, J.P., Chapman, C.S., Wood, D.K., Milne, J.L., Ansari, D., Culham, J.C., & **Goodale, M.A.** (2011). One to four, and nothing more: nonconscious parallel individuation of objects during action planning. *Psychological Science*, 22, 803-811.
- Sedda, A., Monaco, S., Bottini, G., & **Goodale, M.A.** (2011). Integration of visual and auditory information for hand actions: preliminary evidence for the contribution of natural sounds to grasping. *Experimental Brain Research*, 209, 365-374.
- Thaler, L., & **Goodale, M.A.** (2011). The role of online visual feedback for the control of target-directed and allocentric hand movements. *Journal of Neurophysiology*, 105, 846-859.
- Wood, D.K., & **Goodale, M.A.** (2011). Selection of wrist posture in conditions of motor ambiguity. *Experimental Brain Research*, 208, 607-620.
- Cate, A.D., **Goodale, M.A.**, & Köhler, S. (2011). The role of apparent size in building- and object-specific regions of ventral visual cortex. *Brain Research*, 1388, 109-122.
- Buckingham, G., Ranger, N.S., & **Goodale, M.A.** (2011). The role of vision in detecting and correcting fingertip force errors during object lifting. *Journal of Vision*, 11, 4, 1-13.
- Buckingham, G., Ranger, N.S., & **Goodale, M.A.** (2011). The material-weight illusion induced by expectations alone. *Attention, Perception, and Psychophysics*, 73, 36-41.
- Chapman, C.S. & **Goodale, M.A.** (2010). Obstacle avoidance during online corrections. *Journal of Vision*, 10, 17.
- Buckingham, G. & **Goodale, M.A.** (2010). Lifting without seeing: the role of vision in perceiving and acting upon the size weight illusion. *PLoS One.*, 5, e9709.
- Cavina-Pratesi, C., Monaco, S., Fattori, P., Galletti, C., McAdam, T.D., Quinlan, D.J., **Goodale, M.A.**, & Culham, J.C. (2010). Functional magnetic resonance imaging reveals the neural substrates of arm transport and grip formation in reach-to-grasp actions in humans. *Journal of Neuroscience*, 30, 10306-10323.
- Chapman, C.S., Gallivan, J.P., Wood, D.K., Milne, J.L., Culham, J.C., & **Goodale, M.A.** (2010). Short-term motor plasticity revealed in a visuomotor decision-making task. *Behavioral Brain Research*, 214, 130-134.
- Chapman, C.S., Gallivan, J.P., Wood, D.K., Milne, J.L., Culham, J.C., & **Goodale, M.A.** (2010). Reaching for the unknown: multiple target encoding and real-time decision-making in a rapid reach task. *Cognition*, 116, 168-176.
- Buckingham, G. & **Goodale, M.A.** (2010). The influence of competing perceptual and motor priors in the context of the size-weight illusion. *Experimental Brain Research*, 205, 283-288.
- Thaler, L. & **Goodale, M.A.** (2010). Beyond distance and direction: the brain represents target locations non-metrically. *Journal of Vision*, 10, 3.1-27.
- Chapman, C.S. & **Goodale, M.A.** (2010). Seeing all the obstacles in your way: the effect of visual feedback and visual feedback schedule on obstacle avoidance while reaching. *Experimental Brain Research*, 202, 363-375.

Papers in Refereed Journals: (cont'd)

- Striemer, C.L., Yukovsky, J., & Goodale, M.A. (2010). Can intention override the "automatic pilot"? *Experimental Brain Research*, 202, 623-632.
- Monaco, S., Króliczak, G., Quinlan, D.J., Fattori, P., Galletti, C., **Goodale, M.A.**, & Culham, J.C. (2010). Contribution of visual and proprioceptive information to the precision of reaching movements. *Experimental Brain Research*, 202, 15-32.
- Pettypiece, C.E., **Goodale, M.A.**, & Culham, J.C. (2010). Integration of haptic and visual size cues in perception and action revealed through cross-modal conflict. *Experimental Brain Research*, 201, 863-873.
- Chouinard, P.A. & **Goodale, M.A.** (2010). Category-specific neural processing for naming pictures of animals and naming pictures of tools: An ALE meta-analysis. *Neuropsychologia*, 48, 409-418.
- Mullin, C.R., Démonet, J.F., Kentridge, R.W., Heywood, C.A., **Goodale, M.A.**, & Steeves, J.K. (2009). Preserved striate cortex is not sufficient to support the McCollough effect: Evidence from two patients with cerebral achromatopsia. *Perception*, 38, 1741-1748.
- Buckingham, G., Cant, J.S., & **Goodale, M.A.** (2009). Living in a material world: how visual cues to material properties affect the way that we lift objects and perceive their weight. *Journal of Neurophysiology*, 102, 3111-3118.
- Gonzalez, C.L. & **Goodale, M.A.** (2009). Hand preference for precision grasping predicts language lateralization. *Neuropsychologia*, 47, 3182-3189.
- Steeves, J., Dricot, L., Goltz, H.C., Sorger, B., Peters, J., Milner, A.D., **Goodale, M.A.**, Goebel, R., & Rossion, B. (2009). Abnormal face identity coding in the middle fusiform gyrus of two brain-damaged prosopagnosic patients. *Neuropsychologia*, 47, 2584-2592.
- Arnott, S.R., Singhal, A., & **Goodale, M.A.** (2009). An investigation of auditory contagious yawning. *Cognitive, Affective, and Behavioral Neuroscience*, 9, 335-342.
- Chouinard, P.A., Whitwell, R.L., & **Goodale, M.A.** (2009). The lateral-occipital and the inferior-frontal cortex play different roles during the naming of visually-presented objects. *Human Brain Mapping*, 30, 3851-3864.
- Striemer, C., Chapman, C.S., & **Goodale, M.A.** (2009). "Real-time" obstacle avoidance in the absence of primary visual cortex. *Proceedings of the National Academy of Sciences*, 106, 15996-16001.
- Chouinard, P.A. & **Goodale, M.A.** (2009). fMRI adaptation during performance of learned arbitrary visuomotor conditional associations. *NeuroImage*, 48, 696-706.
- Eagleman, D.E. & **Goodale, M.A.** (2009). Why color synesthesia involves more than color. *Trends in Cognitive Sciences*, 13, 288-292.
- Cant, J.S. & **Goodale, M.A.** (2009). Asymmetric interference between the perception of outline shape and the perception of surface properties. *Journal of Vision*, 9, 13: 1-20.
- Pettypiece, C.E., Culham, J.C., & **Goodale, M.A.** (2009). Differential effects of delay upon visually and haptically guided grasping and perceptual judgments. *Experimental Brain Research*, 195, 473-479.
- Kao, K.L. & **Goodale, M.A.** (2009). Enhanced detection of visual targets on the hand and familiar tools. *Neuropsychologia*, 47, 2454-2463.
- Whitwell, R.L. & **Goodale, M.A.** (2009). Updating the programming of a precision grip is a function of recent history of available feedback. *Experimental Brain Research*, 194, 619-629.
- Brown, L.E., Morrissey, B.F., & **Goodale, M.A.** (2009). Vision in the palm of your hand. *Neuropsychologia*, 47, 1621-1626.

Papers in Refereed Journals: (cont'd)

- Chouinard, P.A., Large, M.E., Chang, E.C., & **Goodale, M.A.** (2009). Dissociable neural mechanisms for determining the perceived heaviness of objects and the predicted weight of objects during lifting: an fMRI investigation of the size-weight illusion. *NeuroImage*, *44*, 200-212.
- Cant, J.S., Arnott, S.R., & **Goodale, M.A.** (2009). fMR-adaptation reveals separate processing regions for the perception of form and texture in the human ventral stream. *Experimental Brain Research*, *192*, 391-405.
- Brown, L.E., & **Goodale, M.A.** (2008). Koniocellular projections and hand-assisted blindsight. *Neuropsychologia*, *46*, 3241-3242.
- Arnott, S.R., Heywood, C.A., Kentridge, R.W., & **Goodale, M.A.** (2008). Voice recognition and the posterior cingulate: an fMRI study of prosopagnosia. *Journal of Neuropsychology*, *2*, 269-286.
- Goodale, M.A.** (2008). Action without perception in human vision. *Cognitive Neuropsychology*, *25*, 891-919.
- Danckert, J., Ferber, S., & **Goodale, M.A.** (2008). Direct effects of prismatic lenses on visuomotor control: an event-related functional MRI study. *European Journal of Neuroscience*, *28*, 1696-1704.
- Arnott, S.R., Cant, J.S., Dutton, G. N. & **Goodale, M.A.** (2008). Crinkling and crumpling: an auditory fMRI study of material properties. *NeuroImage*, *43*, 368-378.
- Whitwell, R.L., Lambert, L.M., & **Goodale, M.A.** (2008). Grasping future events: explicit knowledge of the availability of visual feedback fails to reliably influence prehension. *Experimental Brain Research*, *188*, 603-611.
- Chapman, C.S. & **Goodale, M.A.** (2008). Missing in action: The effect of obstacle position and size on avoidance while reaching. *Experimental Brain Research*, *191*, 83-97.
- Goodale, M.A.**, Gonzalez, C.L., & Króliczak, G. (2008). Action rules: why the visual control of reaching and grasping is not always influenced by perceptual illusions. *Perception*, *37*, 355-366.
- Cant, J.S., Large, M.E., McCall, L., & **Goodale, M.A.** (2008). Independent processing of form, colour, and texture in object perception. *Perception*, *37*, 57-78.
- Chouinard, P.A., Morrissey, B.F., Köhler, S., & **Goodale, M.A.** (2008). Repetition suppression in occipital-temporal visual areas is modulated by physical rather than semantic features of objects. *Neuroimage*, *41*, 130-144.
- Brown, L.E., Kroliczak, G., Demonet, J.-F., & **Goodale, M.A.** (2008). A hand in blindsight: Hand placement near target improves size perception in the blind visual field. *Neuropsychologia*, *46*, 786-802.
- Ganel, T., Tanzer, M., & **Goodale, M.A.** (2008). A double dissociation between action and perception in the context of visual illusions: Opposite effects of real and illusory size. *Psychological Science*, *19*, 221-225.
- Milner, A.D. & **Goodale M.A.** (2008). Two visual systems re-viewed. *Neuropsychologia*, *46*, 774-785.
- Chang, E.C., Flanagan, J.R., & **Goodale, M.A.** (2008). The intermanual transfer of anticipatory force control in precision grip lifting is not influenced by the perception of weight. *Experimental Brain Research*, *185*, 319-329.

Papers in Refereed Journals: (cont'd)

- Gonzalez, C.L.R., Ganel, T., Whitwell, R.L., Morrissey, B., & **Goodale, M.A.** (2008). Practice makes perfect, but only with the right hand: Sensitivity to perceptual illusions with awkward grasps decreases with practice in the right but not the left hand. *Neuropsychologia*, *46*, 624-631.
- Whitney, D., Ellison, A., Rice, N.J., Arnold, D., **Goodale, M.A.**, Walsh, V., & Milner, A.D. (2007). Visually guided reaching depends on motion area MT+. *Cerebral Cortex*, *17*, 2644-2649.
- Gonzalez, C.L., Whitwell, R.L., Morrissey, B., Ganel, T., & **Goodale, M.A.** (2007). Left handedness does not extend to visually guided precision grasping. *Experimental Brain Research*, *182*, 275-279.
- Brown, L.E., Wilson, E.T., **Goodale, M.A.**, & Gribble, P.L. (2007). Motor force field learning influences visual processing of target motion. *Journal of Neuroscience*, *27*, 9975-9983.
- Singhal, A., Culham, J.C., Chinellato, E., & Goodale, M.A. (2007). Dual-task interference is greater in delayed grasping than in visually guided grasping. *Journal of Vision*, *7*, 1-12.
- Rice, N.J., Valyear, K.F., **Goodale, M.A.**, Milner, A.D., & Culham, J.C. (2007). Orientation sensitivity to graspable objects: an fMRI adaptation study. *Neuroimage*, *36*, Suppl 2: T87-93.
- Cavina-Pratesi, C., **Goodale, M.A.**, & Culham, J.C. (2007). FMRI reveals a dissociation between grasping and perceiving the size of real 3D objects. *PLoS ONE*, *2*, e424.
- Connolly, J.D., **Goodale, M.A.**, Cant, J.S., & Munoz, D.P. (2007). Effector-specific fields for motor preparation in the human frontal cortex. *Neuroimage*. *34*, 1209-1219.
- Cant, J.S. & **Goodale, M.A.** (2007). Attention to form or surface properties modulates different regions of human occipitotemporal cortex. *Cerebral Cortex*, *17*, 713-731.
- Króliczak, G., Heard, P., **Goodale, M.A.**, & Gregory, R.L. (2006). Dissociation of perception and action unmasked by the hollow-face illusion. *Brain Research*, *1080*, 9-16.
- Króliczak, G., Westwood, D.A., & **Goodale, M.A.** (2006). Differential effects of advance semantic cues on grasping, naming, and manual estimation. *Experimental Brain Research*, *175*, 139-152.
- Ganel, T., Gonzalez, C.L., Valyear, K.F., Culham J.C., **Goodale M.A.**, & Kohler, S. (2006). The relationship between fMRI adaptation and repetition priming. *Neuroimage*, *32*, 1432-1440.
- Carey, D.P., Dijkerman, H.C., Murphy, K.J., **Goodale, M.A.**, & Milner, A.D. (2006). Pointing to places and spaces in a patient with visual form agnosia. *Neuropsychologia*, *44*, 1584-1594.
- Cavina-Pratesi, C., Valyear, K.F., Culham, J.C., Köhler, S., Obhi, S.S., Marzi, C.A., & **Goodale, M.A.** (2006). Dissociating arbitrary stimulus-response mapping from movement planning during preparatory period: evidence from event-related functional magnetic resonance imaging. *Journal of Neuroscience*, *26*, 2704-2713.
- Gonzalez, C.L., Ganel, T., & **Goodale M.A.** (2006). Hemispheric specialization for the visual control of action is independent of handedness. *Journal of Neurophysiology*, *95*, 3496-3501.
- Arnott, S.R. & **Goodale, M.A.** (2006). Distorting visual space with sound. *Vision Research*, *46*, 1553-1558.
- Valyear, K.F., Culham, J.C., Sharif, N., Westwood, D., & **Goodale, M.A.** (2006). A double dissociation between sensitivity to changes in object identity and object orientation in the ventral and dorsal visual streams: A human fMRI study. *Neuropsychologia*, *44*, 218-228.

Papers in Refereed Journals: (cont'd)

- Steeves, J.K., Culham, J.C., Duchaine, B.C., Cavina Pratesi, C., Valyear, K.F., Schindler, I., Humphrey, G.K., Milner, A.D., & **Goodale, M.A.** (2006). The fusiform face area is not sufficient for face recognition: evidence from a patient with dense prosopagnosia and no occipital face area. *Neuropsychologia*, *44*, 594-609.
- Goodale, M.A.**, Króliczak, G., & Westwood, D.A. (2005). Dual routes to action: contributions of the dorsal and ventral streams to adaptive behavior. *Progress in Brain Research*, *149*, 269-283.
- Hu, Y., Osu, R., Okada, M., **Goodale, M.A.**, & Kawato, M. (2005). A model of the coupling between grip aperture and hand transport during human prehension. *Experimental Brain Research*, *167*, 301-304.
- Obhi, S.S. & **Goodale, M.A.** (2005). The effects of landmarks on the performance of delayed and real-time pointing movements. *Experimental Brain Research*, *167*, 335-344.
- Brown, L.E., Halpert, B.A., & **Goodale, M.A.** (2005). Peripheral vision for perception and action. *Experimental Brain Research*, *165*, 97-106.
- Ganel, T., Goshen-Gottstein, Y., & **Goodale, M.A.** (2005). Interactions between the processing of gaze direction and facial expression. *Vision Research*, *45*, 1191-200.
- Obhi, S.S., & **Goodale, M.A.** (2005). Bimanual interference in rapid discrete movements is task specific and occurs at multiple levels of processing. *Journal of Neurophysiology*, *94*, 1861-1868.
- Ganel, T., Valyear, K.F., Goshen-Gottstein, Y., & **Goodale M.A.** (2005). The involvement of the "fusiform face area" in processing facial expression. *Neuropsychologia*, *43*, 1645-1654.
- Cant, J.S., Westwood, D.A., Valyear, K.F., & **Goodale, M.A.** (2005). No evidence for visuomotor priming in a visually guided action task. *Neuropsychologia*, *43*, 216-226.
- Whitney, D., & **Goodale, M.A.** (2005). Visual motion due to eye movements helps guide the hand. *Experimental Brain Research*, *162*, 394-400.
- Connolly, J.D. **Goodale, M.A.**, Goltz, H.C., & Munoz, D.P. (2005). fMRI activation in the human frontal eye field is correlated with saccadic reaction time. *Journal of Neurophysiology*, *94*, 605-611.
- Garofeanu, C., Króliczak, G., **Goodale, M.A.**, & Humphrey, G.K. (2004). Naming and grasping common objects: a priming study. *Experimental Brain Research*, *159*, 55-64.
- Loftus, A., Servos, P., **Goodale, M.A.**, Mendarozqueta, N., & Mon-Williams, M. (2004). When two eyes are better than one in prehension: monocular viewing and end-point variance. *Experimental Brain Research*, *158*, 317-327.
- Steeves, J.K.E., Humphrey, G.K., Culham, J.C., Menon, R.S., Milner, A.D., & **Goodale, M.A.** (2004). Behavioral and neuroimaging evidence for a contribution of color and texture information to scene classification in a patient with visual form agnosia. *Journal of Cognitive Neuroscience*, *16*, 955-965.
- Goodale, M.A.** & Westwood, D.A. (2004). An evolving view of duplex vision: Separate but interacting cortical pathways for perception and action. *Current Opinion in Neurobiology* *14*, 203-211.
- Danckert, J., Mirsitari, S.M., Danckert, S., Wiebe, S., Blume, W.T., Carey, D., Menon, R.S., & **Goodale, M.A.** (2004). Spared somatomotor and cognitive functions in a patient with a large porencephalic cyst revealed by fMRI. *Neuropsychologia*, *42*, 405-418.
- Brown, M., DeSouza, J.F., Goltz, H.C., Ford, K., Menon, R.S., **Goodale, M.A.**, & Everling, S. (2004). Comparison of memory- and visually-guided saccades using event-related fMRI. *Journal of Neurophysiology*, *91*, 873-889.

Papers in Refereed Journals: (cont'd)

- Ganel, T., & **Goodale, M.A.** (2003). Visual control of action but not perception requires analytical processing of object shape. *Nature*, *426*, 664-667.
- Króliczak, G., **Goodale, M.A.**, & Humphrey, G.K. (2003). The effects of different aperture-viewing conditions on the recognition of novel objects. *Perception*, *32*, 1169-1179.
- Whitney, D., Goltz, H., Thomas, C.G., Gati, J., Menon, R., & **Goodale, M.A.** (2003). Flexible retinotopy: Motion dependent position coding in the visual cortex. *Science*, *302*, 878-881.
- James, T.W., Culham, J., Humphrey, G.K., Milner, A.D., & **Goodale, M.A.** (2003). Ventral occipital lesions impair object recognition but not object-directed grasping: An fMRI study. *Brain*, *126*, 2463-2475.
- Culham, J. C., Danckert, S. L., DeSouza, J. F. X., Gati, J. S., Menon, R. S., & **Goodale, M. A.** (2003). Visually-guided grasping produces activation in dorsal but not ventral stream brain areas. *Experimental Brain Research*, *153*, 180-189.
- Westwood, D.A., & **Goodale, M.A.** (2003). A haptic size-contrast illusion affects conscious size perception but not grasping. *Experimental Brain Research*, *153*, 253-259.
- Connolly, J.D., Andersen, R.A., & **Goodale, M.A.** (2003). FMRI evidence for a 'parietal reach region' in the human brain. *Experimental Brain Research*, *153*, 140-145.
- Westwood, D.A., & **Goodale, M.A.** (2003). Perceptual illusion and the real-time control of action. *Spatial Vision*, *16*, 243-254.
- Whitney, D., Westwood, D. A., & **Goodale, M. A.** (2003). The influence of visual motion on fast reaching movements to a stationary object. *Nature*, *423*, 869-873.
- Danckert, J., Revol, P., Pisella, L., Vighetto, A., **Goodale, M.A.**, & Rossetti, Y. (2003). Measuring unconscious actions in action-blindsight: Exploring the kinematics of pointing movements to targets in the blind field of two patients with cortical hemianopia. *Neuropsychologia*, *41*, 1068-1081.
- Ferber, S., Danckert, J., Joanisse, M, Goltz, H.C., & **Goodale, M.A.** (2003). Eye movements tell only half the story. *Neurology*, *60*, 1826-1829.
- Scherberger H., **Goodale M.A.** & Andersen R.A. (2003) Target selection for reaching and saccades share a similar behavioral reference frame in the macaque. *Journal of Neurophysiology*, *89*, 1456-1466.
- Connolly, J.D., **Goodale, M.A.**, Menon, R.S., & Munoz, D.P. (2002). FMRI evidence for the neural correlates of preparatory set in the human. *Nature Neuroscience*, *5*, 1345-1352.
- Haffenden, A.M. & **Goodale, M.A.** (2002). Learned perceptual associations influence visuomotor programming under limited conditions: Cues as surface patterns. *Experimental Brain Research*, *147*, 473-484.
- Haffenden, A.M. & **Goodale, M.A.** (2002). Learned perceptual associations influence visuomotor programming under limited conditions: Kinematic consistency. *Experimental Brain Research*, *147*, 485-493.
- Munhall, K.G., Servos, P., Santi, A., & **Goodale, M.A.** (2002). Dynamic visual speech perception in a patient with visual form agnosia. *NeuroReport*, *13*, 1793-1796.
- James, K.H., Humphrey, G.K., Vilis, T., Corrie, B., Baddour, R., & **Goodale, M.A.** (2002). Learning three-dimensional object structure: A virtual reality study. *Behavior Research Methods, Instruments, and Computers*, *34*, 383-390.
- 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.

Papers in Refereed Journals: (cont'd)

- Danckert, J., Ferber, S., Doherty, T., Steinmetz, H., Nicolle, D., & **Goodale, M.A.** (2002). Selective, non-lateralised impairment of motor imagery following right parietal damage. *NeuroCase*, 8, 194-204.
- Danckert, J., Sharif, N., Haffenden, A.M., Schiff, K.C., & **Goodale, M.A.** (2002). A temporal analysis of grasping in the Ebbinghaus illusion: planning versus on-line control. *Experimental Brain Research*, 144, 275-280.
- Westwood, D.A., Danckert, J.A., Servos, P., & **Goodale, M.A.** (2002). Grasping two-dimensional and three-dimensional objects in visual-form agnosia. *Experimental Brain Research*, 144, 262-267.
- Patla, A.E., Niechwiej, E., Racco, V., & **Goodale, M.A.** (2002). Understanding the contribution of binocular vision to the control of adaptive locomotion. *Experimental Brain Research*, 142, 551-561.
- 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, K.H., Humphrey, G.K. & **Goodale, M.A.** (2001). Manipulating and recognizing virtual objects: where the action is. *Canadian Journal of Experimental Psychology*, 55, 111-120.
- Danckert, J., & **Goodale, M.A.** (2001). Superior performance for visually guided pointing in the lower visual field. *Experimental Brain Research*, 137, 303-308.
- Haffenden, A.M., Schiff, K.C., & **Goodale, M.A.** (2001). The dissociation between perception and action in the Ebbinghaus illusion: Nonillusory effects of pictorial cues on grasp. *Current Biology*, 11, 177-181.
- Haffenden, A.M., & **Goodale, M.A.** (2000). The effect of learned perceptual associations on visuomotor control varies with kinematic demands. *Journal of Cognitive Neuroscience*, 12, 950-964.
- Marotta, J.J., & **Goodale, M.A.** (2001). The role of familiar size in the control of grasping. *Journal of Cognitive Neuroscience*, 13, 8-17.
- Haffenden, A.M., & **Goodale, M.A.** (2000). Independent effects of pictorial displays on perception and action. *Vision Research*, 40, 1597-1607.
- 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.
- Hu, Y., & **Goodale, M.A.** (2000). Grasping after a delay shifts size-scaling from absolute to relative metrics. *Journal of Cognitive Neuroscience*, 12, 856-868.
- Connolly, J.D., **Goodale, M.A.**, DeSouza, J.F.X., Menon, R., & Vilis, T. (2000). A comparison of frontoparietal fMRI activation during anti-saccades and anti-pointing. *Journal of Neurophysiology*, 84: 1645-1655.
- 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.
- Culham, J.C., Dukelow, S.P., Vilis, T., Hassard, F.A., Gati, J.S., Menon, R.S., & **Goodale, M.A.** (1999). Recovery of fMRI activation in motion area MT following storage of the motion aftereffect. *Journal of Neurophysiology*, 81, 388-393.
- Servos, P., Symons, L. A., Schmidt, W., & **Goodale, M.A.** (1999). Assessing stereomotion thresholds with a high-resolution computer monitor. *Behavior Research Methods, Instruments & Computers*, 30, 449-453.

Papers in Refereed Journals: (cont'd)

- 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. *NeuroReport*, *10*, 1019-1023.
- Connolly, J.D., & **Goodale, M.A.** (1999). The role of visual feedback of hand position in the control of manual prehension. *Experimental Brain Research*, *125*, 281-286.
- Hu, Y., Eagleson, R., & **Goodale, M.A.** (1999). The effects of delay on the kinematics of grasping. *Experimental Brain Research*, *126*, 109-116.
- 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.
- Harman, K.L., Humphrey, G.K., & **Goodale, M.A.** (1999). Active manual control of object views facilitates visual recognition. *Current Biology*, *22*, 1315-1318.
- Goodale, M.A.** (1998). Visuomotor control: Where does vision end and action begin? *Current Biology*, *8*, R489-R491.
- Goodale, M.A.**, & Haffenden, A. (1998). Frames of reference for perception and action in the human visual system. *Neuroscience and Biobehavioral Reviews*, *22*, 161-172.
- Goodale, M.A.** & Humphrey, G.K. (1998). The objects of action and perception. *Cognition*, *67*, 179-205.
- Haffenden, A., & **Goodale, M.A.** (1998). The effect of pictorial illusion on prehension and perception. *Journal of Cognitive Neuroscience*, *10*, 122-136.
- Szekely, C. Hampson, E. Carey, D.P. & **Goodale, M.A.** (1998). Oral contraception use affects manual praxis but not simple visually-guided movements. *Developmental Neuropsychology*, *14*, 399-420.
- Marotta, J.J., DeSouza, J.F.X., Haffenden, A.M., & **Goodale, M.A.** (1998). Does a monocularly presented size-contrast illusion influence grip aperture? *Neuropsychologia*, *36*, 491-497.
- Marotta, J.J., Kruyer, A., & **Goodale, M.A.** (1998). The role of head movements in the control of manual prehension. *Experimental Brain Research*, *120*, 134-138.
- Servos, P., & **Goodale, M.A.** (1998). Monocular and binocular control of human interceptive movements. *Experimental Brain Research*, *119*, 92-102.
- Marotta, J.J., & **Goodale, M.A.** (1998). The role of learned pictorial cues in the programming and control of grasping. *Experimental Brain Research*, *121*, 465-70.
- Servos, P., Jakobson, L. S., & **Goodale, M.A.** (1998). Near, far, or in between: Target edges and the transport component of prehension. *Journal of Motor Behavior*, *30*, 90-93.
- Murphy, K.J., Carey, D.P., & **Goodale, M.A.** (1998). Perception of allocentric spatial relations in a patient with visual form agnosia. *Cognitive Neuropsychology*, *15*, 705-722.
- Humphrey, K. & **Goodale, M.A.** (1998). Probing unconscious visual processing with the McCollough Effect. *Consciousness and Cognition*, *7*, 494-519.
- Patla, A., & **Goodale, M.A.** (1997). Visuomotor transformation required for obstacle avoidance during locomotion is unaffected in a patient with visual form agnosia. *NeuroReport*, *8*, 165-168.
- Humphrey, G. K., **Goodale, M.A.**, Bowen, C. V., Gati, J. S., Vilis, T., Rutt, B. K., & Menon, R. S. (1997). Differences in perceived shape from shading correlate with activity in early visual areas. *Current Biology*, *7*, 144-147.
- Marotta, J. J., Behrmann, M., & **Goodale, M.A.** (1997). The removal of binocular cues disrupts the calibration of grasping in patients with visual form agnosia. *Experimental Brain Research*, *116*, 113-121.

Papers in Refereed Journals: (cont'd)

- Humphrey, K., Symons, L. A., Herbert, A. W., & **Goodale, M.A.** (1996). A neurological dissociation between shape from shading and shape from edges. *Behavioural Brain Research*, 76, 117-125.
- Goodale, M.A.** (1996). Visuomotor modules in the vertebrate brain. *Canadian Journal of Physiology and Pharmacology*, 74, 390-400.
- Murphy, K. J., Racicot, C. I., & **Goodale, M.A.** (1996). The use of visuomotor cues as a strategy for making perceptual judgements in a patient with visual form agnosia. *Neuropsychology*, 10, 396-401.
- Carey, D.P., Hargreaves, E.L., & **Goodale, M.A.** (1996). Reaching to ipsilateral or contralateral targets: Within-hemisphere visuomotor processing cannot explain hemispatial differences in motor control. *Experimental Brain Research*, 112, 496-504.
- Aglioti, S., DeSouza, J., & **Goodale, M.A.** (1995). Size-contrast illusions deceive the eyes but not the hand. *Current Biology*, 5, 679-685.
- Servos, P., & **Goodale, M.A.** (1995). Preserved visual imagery in visual form agnosia. *Neuropsychologia*, 33(11), 1383-1394.
- Humphrey, G. K., **Goodale, M.A.**, Corbetta, M., & Aglioti, S. (1995). The McCollough effect reveals orientation discrimination in a case of cortical blindness. *Current Biology*, 5(5), 545-551.
- Marotta, J. J., Perrot, T. S., Servos, P., Nicolle, D., & **Goodale, M.A.** (1995). Adapting to monocular vision: Grasping with one eye. *Experimental Brain Research*, 104, 107-114.
- Marotta, J. J., Perrot, T. S., Nicolle, D., & **Goodale, M.A.** (1995). The development of adaptive head movements following enucleation. *Eye*, 9(3), 333-336.
- Servos, P., Matin, L., & **Goodale, M.A.** (1995). Dissociations between two forms of spatial processing by a visual form agnostic. *NeuroReport*, 6, 1893-1896.
- Goodale, M.A.**, Meenan, J. P., Bühlhoff, H. H., Nicolle, D. A., Murphy, K. J., & Racicot, C. I. (1994) Separate neural pathways for the visual analysis of object shape in perception and prehension. *Current Biology*, 4(7), 604-610.
- Goodale, M.A.**, Jakobson, L.S., Milner, A.D., Perrett, D.I., Benson, P.J., & Hietanen, J.K. (1994). The nature and limits of orientation and pattern processing supporting visuomotor control in a visual form agnostic. *Journal of Cognitive Neuroscience*, 6, 46-56.
- Servos, P., & **Goodale, M.A.** (1994). Binocular vision and the on-line control of human prehension. *Experimental Brain Research*, 98, 119-127.
- Goodale, M.A.**, Jakobson, L.S., & Keillor, J.M. (1994). Differences in the visual control of pantomimed and natural grasping movements. *Neuropsychologia*, 32(10), 1159-1178.
- Humphrey, G. K., **Goodale, M.A.**, Jakobson, L. S., & Servos, P. (1994). The role of surface information in object recognition: Studies of a visual form agnostic and normal subjects. *Perception*, 23, 1457-1481.
- Jakobson, L. S., Servos, P., **Goodale, M.A.**, & Lassonde, M. (1994). Control of proximal and distal components of prehension in callosal agenesis. *Brain*, 117, 1107-1113.
- Milner, A.D. & **Goodale, M.A.** (1993). Visual pathways to perception and action. *Progress in Brain Research*, 95, 317-337.
- Carnahan, H., **Goodale, M.A.**, & Marteniuk, R. G. (1993). Grasping versus pointing and the differential use of visual feedback. *Human Movement Science*, 12, 219-234.
- Goodale, M.A.** (1993). Visual routes to knowledge and action. *Biomedical Research*, 14 (suppl. 4), 113-123.

Papers in Refereed Journals: (cont'd)

- Servos, P., **Goodale, M.A.**, & Humphrey, G.K. (1993). The drawing of objects by a visual form agnostic: Contribution of surface properties and memorial representations. *Neuropsychologia*, 31(3), 251-259.
- Goodale, M.A.** (1993). Visual pathways supporting perception and action in the primate cerebral cortex. *Current Opinion in Neurobiology*, 3, 578-585.
- Goodale, M.A.** & Milner, A.D. (1992). Separate visual pathways for perception and action. *Trends in Neurosciences*, 15(1), 20-25.
- Servos, P., **Goodale, M.A.**, & Jakobson, L.S. (1992). The role of binocular vision in prehension: A kinematic analysis. *Vision Research*, 32, 1513-1521.
- Sun, H.-J., Carey, D.P., & **Goodale, M.A.** (1992). A mammalian model of optic-flow utilization in the control of locomotion. *Experimental Brain Research*, 91, 171-175.
- Goodale, M.A.**, Milner, A. D., Jakobson, L. S., & Carey, D. P. (1991). Object awareness [Scientific Correspondence]. *Nature*, 352, 202.
- Goodale, M.A.**, Milner, A.D., Jakobson, L.S., & Carey, D.P. (1991). A neurological dissociation between perceiving objects and grasping them. *Nature*, 349, 154-156.
- Jakobson, L.S., & **Goodale, M.A.** (1991). Factors affecting higher-order movement planning: A kinematic analysis of human prehension. *Experimental Brain Research*, 86, 199-208.
- Jakobson, L.S., Archibald, Y.M., Carey, D.P., & **Goodale, M.A.** (1991). A kinematic analysis of reaching and grasping movements in a patient recovering from optic ataxia. *Neuropsychologia*, 29(8), 803-809.
- Humphrey, G.K., **Goodale, M.A.**, & Gurnsey, R. (1991). Orientation discrimination in a visual form agnostic: Evidence from the McCollough effect. *Psychological Science*, 2, 331-335.
- Goodale, M.A.**, Ellard, C. G., & Booth, L. (1990). The role of image size and retinal motion in the computation of absolute distance by the Mongolian Gerbil (*Meriones unguiculatus*). *Vision Research*, 30(3), 399-413.
- Goodale, M.A.**, Milner, A.D., Jakobson, L., & Carey, D.P. (1990). Kinematic analysis of limb movements in neuropsychological research: subtle deficits and recovery of function. *Canadian Journal of Psychology*, 44(2), 180-195.
- Carey, D.P., **Goodale, M.A.**, & Sprowl, E. (1990). Blindsight in rodents: the use of a 'high-level' distance cue in gerbils with lesions of primary visual cortex. *Behavioural Brain Research*, 38, 283-289.
- Fisk, J. D., & **Goodale, M.A.** (1989). The effects of instructions to subjects on the programming of visually directed reaching movements. *Journal of Motor Behavior*, 21(1), 5-19.
- Jakobson, L.S. & **Goodale, M.A.** (1989). Trajectories of reaches to prismatically-displaced targets: Evidence for "automatic" visuomotor recalibration. *Experimental Brain Research*, 78, 575-587.
- Goodale, M.A.** (1988). Hemispheric differences in motor control. *Behavioural Brain Research*, 30, 203-214.
- Fisk, J. D., & **Goodale, M.A.** (1988). The effects of unilateral brain damage on visually guided reaching: Hemispheric differences in the nature of the deficit. *Experimental Brain Research*, 72, 425-435.
- Wylie, D., & **Goodale, M.A.** (1988). Left-sided oral asymmetries in spontaneous but not posed smiles. *Neuropsychologia*, 26(6), 823-832.

Papers in Refereed Journals: (cont'd)

- Steenhuis, R. E., & **Goodale, M.A.** (1988). The effects of time and distance on accuracy of target-directed locomotion: Does an accurate short-term memory for spatial location exist? *Journal of Motor Behavior*, 20(4), 399-415.
- Ellard, C. G., & **Goodale, M.A.** (1988). A functional analysis of the collicular output pathways: A dissociation of deficits following lesions of the dorsal tegmental decussation and the ipsilateral collicular efferent bundle in the Mongolian gerbil. *Experimental Brain Research*, 71, 307-319.
- Wolf, M. E., & **Goodale, M.A.** (1987). Oral asymmetries in verbal and non-verbal movements of the mouth. *Neuropsychologia*, 25, 375-396.
- Goodale, M.A.**, Pelisson, D., & Prablanc, C. (1986). Large adjustments in visually guided reaching do not depend on vision of the hand or perception of target displacement. *Nature*, 320(24), 748-750.
- Pelisson, D., Prablanc, C., **Goodale, M.A.**, & Jeannerod, M. (1986). Visual control of reaching movements without vision of the limb II. Evidence of fast unconscious processes correcting the trajectory of the hand to the final position of a double-step stimulus. *Experimental Brain Research*, 62, 303-311.
- Prablanc, C., Pelisson, D., & **Goodale, M.A.** (1986). Visual control of reaching movements without vision of the limb I. Role of retinal feedback of target position in guiding the hand. *Experimental Brain Research*, 62, 293-302.
- Ellard, C. G., & **Goodale, M.A.** (1986). The role of the predorsal bundle in head and body movements elicited by electrical stimulation of the superior colliculus in the Mongolian gerbil. *Experimental Brain Research*, 64, 421-433.
- Ellard, C. G., **Goodale, M.A.**, MacLaren Scorfield, D., & Lawrence, C. (1986). Visual cortical lesions abolish the use of motion parallax in the Mongolian gerbil. *Experimental Brain Research*, 64, 599-602.
- Fisk, J. D., & **Goodale, M.A.** (1985). The organization of eye and limb movements during unrestricted reaching to targets in contralateral and ipsilateral visual space. *Experimental Brain Research*, 60, 159-178.
- Goodale, M.A.** (1985). Interocular transfer in the pigeon after lesions of the dorsal supraoptic decussation. *Behavioural Brain Research*, 16, 1-7.
- Mlinar, E. J., & **Goodale, M.A.** (1984). Cortical and tectal control of visual orientation in the gerbil: Evidence for parallel channels. *Experimental Brain Research*, 55, 33-48.
- St. John, R., Fisk, J., Timney, B., & Goodale, M.A. (1984). Eye movements in human albinos. *American Journal of Optometry and Physiological Optics*, 61(6), 377-385.
- Ellard, C., **Goodale, M.A.**, & Timney, B. (1984). Distance estimation in the Mongolian gerbil: The role of dynamic depth cues. *Behavioural Brain Research*, 14, 29-39.
- Goodale, M.A.** (1983). Visually guided pecking in the pigeon (*Columba livia*). *Brain, Behavior and Evolution*, 22, 22-41.
- Fisk, J. D., **Goodale, M.A.**, Burkhart, G., & Barnett, H. J. M. (1982). Progressive supranuclear palsy: The relationship between ocular motor dysfunction and psychological test performance. *Neurology*, 32, 698-706.
- Goodale, M.A.**, & Dale, R. H. I. (1981). Radial-maze performance in the rat following lesions of posterior neocortex. *Behavioral Brain Research*, 3, 273-288.
- Goodale, M.A.**, & Graves, J. A. (1980). The relationship between scanning patterns and monocular discrimination learning in the pigeon. *Physiology and Behavior*, 25, 39-43.

Papers in Refereed Journals: (cont'd)

- Goodale, M.A.**, & Graves, J. A. (1980). Failure of interocular transfer of learning in pigeons (*Columba livia*) trained on a jumping stand. *Bird Behaviour*, 2, 13-22.
- Milner, A. D., **Goodale, M.A.**, & Morton, M. C. (1979). Visual sampling after lesions of the superior colliculus in rats. *Journal of Comparative and Physiological Psychology*, 93, 1015-1023.
- Goodale, M.A.**, Foreman, N. P., & Milner, A. D. (1978). Visual orientation in the rat: A dissociation of deficits following cortical and collicular lesions. *Experimental Brain Research*, 31, 445-457.
- Foreman, N. P., **Goodale, M.A.**, & Milner, A. D. (1978). The nature of post-operative "hyperactivity" following lesions of the superior colliculus in the rat. *Physiology and Behavior*, 21, 157-160.
- Milner, A. D., Foreman, N. P., & **Goodale, M.A.** (1978). Go-left go-right discrimination performance and distractibility following lesions of prefrontal cortex or superior colliculus in Stumptail Macaques. *Neuropsychologia*, 16, 381-390.
- Goodale, M.A.** & Sneddon, I. (1977). The effect of distastefulness of the model on the predation of artificial Batesian mimics. *Animal Behavior*, 25, 660-665.
- Graves, J., & **Goodale, M.A.** (1977). A failure of interocular transfer in the pigeon (*Columba livia*). *Physiology and Behavior*, 19, 425-428.
- Goodale, M.A.**, & Murison, R. C. (1975). The effects of lesions of the superior colliculus on locomotor orientation and orienting reflex in the rat. *Brain Research*, 88, 243-261.
- Goodale, M.A.**, Milner, A.D., & Rose, J. E. V. (1975). Susceptibility to startle during ongoing behaviour following collicular lesions in the rat. *Neuroscience Letters*, 1, 333-337.
- Goodale, M.A.** (1973). Cortico-tectal and intertectal modulation of visual responses in the rat's superior colliculus. *Experimental Brain Research*, 17, 75-86.
- Goodale, M.A.** & Cooper, R.M. (1965). Cues utilized by normal and posterior-neodecorticate rats in the Yerkes brightness discrimination task. *Psychonomic Science*, 3, 513-514.

Published Conference Proceedings:

- Hu, Y., & **Goodale, M.A.** (2000). Constraints in human visuomotor systems. *Proceedings of IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2000)*, 3, 1633 –1638.
- Hu, Y., Eagleson, R., & **Goodale, M.A.** (1999). Human visual servoing for reaching and grasping: The role of 3-D geometric features. *Proceedings of 1999 IEEE International Conference on Robotics and Automation*, 4, 3209-3216.
- Hu, Y., **Goodale, M.A.**, & Eagleson, R. (1999). Constraints and principles for the design of human-machine interfaces: A virtual reality approach. *Proceedings of IEEE International Conference on Systems, Man, and Cybernetics*, 3, 1089-1094.

Books:

- Goodale, M.A.** & Milner, A.D. (2013). *Sight Unseen: An Exploration of Conscious and Unconscious Vision. 2nd Edition*. Oxford: Oxford University Press. 218pp.
- Milner, A. D., & **Goodale, M.A.** (2006). *The Visual Brain in Action: 2nd Edition*. Oxford: Oxford University Press, 297 pp. (paperback 2006)

Books: (cont'd)

- Milner, A. D., & **Goodale, M.A.** (1995). *The Visual Brain in Action*. Oxford: Oxford University Press, 248 pp. (paperback 1996)
- Goodale, M.A.** (Ed.). (1990). *Vision and Action: The Control of Grasping*. Norwood, N.J.: Ablex Publishing Corp.
- Ingle, D. J., **Goodale, M.A.**, and Mansfield, R. (Eds.). (1982). *The Analysis of Visual Behavior*. Cambridge, Massachusetts: M.I.T. Press.

Chapters in Books:

- Gallivan, J.P., & **Goodale, M.A.** (2018). The dorsal “action” pathway. *Handbook of clinical neurology, 151*, 449-466.
- Goodale, M. A.**, & Ganel, T. (2015). Different modes of visual organization for perception and for action. *Oxford handbook of perceptual organization, 3*(1), 1-19.
- Goodale, M.A.** (2014). Visuomotor control. In J.S. Werner and Leo M. Chalupa (Eds.) *The New Visual Neurosciences*. (pp. 1031-1048). Cambridge, MA: MIT Press.
- Milner, A.D., & **Goodale, M.A.** (2012). Cortical visual systems for perception and action. In N. Gangopadhyay, M. Madary, & F. Spicer (Eds.) *Perception, Action, and Consciousness: Sensorimotor Dynamics and Two Visual Systems*. Oxford: Oxford University Press.
- Goodale, M.A.** (2010). The functional organization of the central visual pathways. In G.N. Dutton and M. Bax (Eds.) *Visual Impairment in Children Due to Damage to the Brain*. (pp. 5-19). London: MacKeith Press.
- Goodale, M.A.** & Ganel, T. (2009). Two visual systems: separate pathways for perception and action in human cerebral cortex. In M. Jenkin and L.R. Harris (Eds.). *Cortical Mechanisms of Vision*. Cambridge: Cambridge University Press.
- Goodale, M.A.** & Wolf, M.E. (2009). Vision for action. In D. Dedrick and L. Trick (Eds.) *Computation, Cognition, and Pylyshyn*. (pp.101-138). Cambridge, MA: MIT Press/Bradford Books.
- Goodale, M.A.** (2007). Duplex vision: Separate cortical pathways for conscious perception and the control of action. In Velmans, M. and Schneider, S. (Eds.), *The Blackwell companion to consciousness* (pp. 616-627). Malden, MA: Blackwell Publishing.
- Goodale, M.A.**, Cant, J.S., & Kroliczak, G. (2006). Grasping the past and present: When does visuomotor priming occur? In Ogmen, H. and Breitmeyer, B.G. (Eds.), *The first half second: The microgenesis and temporal dynamics of unconscious and conscious visual processes* (pp. 51-71). Cambridge, MA: MIT Press.
- James, T.W., James, H.K., & Humphrey, G.K., & **Goodale, M.A.** (2006). 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*. L. Erlbaum: Mahwah, NJ.
- Goodale M.A.** (2004). Perceiving the world and grasping it: Dissociations between conscious and unconscious visual processing. In M. S. Gazzaniga (ed.) *The Cognitive Neurosciences III*. MIT Press: Cambridge MA.
- Goodale, M.A.**, Westwood, D.A., & Milner, A.D. (2004). Two distinct modes of control for object-directed action. In C.A. Heywood, A.D. Milner, & C. Blakemore (Eds.). *The Roots of Visual Awareness. Progress in Brain Research*. Elsevier: Amsterdam.
- Goodale, M.A.** & Haffenden, A.M. (2003). Interactions between dorsal and ventral streams of visual processing. In A. Siegel, R. Andersen, H-J. Freund, & D. Spencer (Eds.), *Advances in Neurology (Vol. 93): The Parietal Lobe*. Philadelphia: Lippincott-Raven.

Chapters in Books: (cont'd)

- Goodale, M.A.** (2002). Why vision is more than seeing. In J.S. McIntosh (Ed.), *Naturalism, Evolution, and Intentionality*. University of Calgary Press: Calgary AB.
- Milner, A.D. & **Goodale, M.A.** (2002). The visual brain in action. In A. Noë and E. Thompson (Eds.), *Vision and mind: Selected readings in the philosophy of perception* (pp. 515-529). Cambridge, MA: MIT Press and Bradford Books.
- Danckert, J., & **Goodale, M.A.** (2003). The Ups and Downs of Vision. In S.H. Johnson (Ed.), *From Intentions to Movements*. Cambridge MA: MIT Press.
- Goodale, M.A.** (2001). Different spaces and different times for perception and action. In C. Casanova & M. Ptito (Eds.), *Vision: From Neurons to Cognition (Progress in Brain Research, Vol. 134)*. Amsterdam: Elsevier.
- Goodale, M.A.**, & Humphrey, G.K. (2001). Separate visual systems for action and perception. In B. Goldstein (Ed.), *Handbook of Perception*. London, England: Blackwell.
- Milner, A.D., & **Goodale, M.A.** (2000). The visual brain in action (precis). In S. Hameroff, A. Kaszniak, & D. Chalmers (Eds.), *Toward a Science of Consciousness: The Third Tucson Discussions and Debates*. Cambridge, MA: MIT Press.
- Goodale, M.A.** (2000). Perception and action in human visual system. In M. Gazzaniga (Ed.), *The New Cognitive Neurosciences. 2nd Edition*. Cambridge, MA: MIT Press.
- Goodale, M.A.**, & Murphy, K.J. (2000). Space in the brain: Different neural substrates for allocentric and egocentric frames of reference. In T. Metzinger (Ed.), *Neural Correlates of Consciousness: Empirical and Conceptual Questions*. Cambridge, MA: MIT Press.
- Goodale, M.A.**, Jakobson, L.S., & Servos, P. (2000). The visual pathways mediating perception and prehension. In Gazzaniga, M.S. (Ed.), *Cognitive neuroscience: A reader* (pp.106-123). Malden, MA: Blackwell.
- Goodale, M.A.** (2000). Occipitotemporal and occipitoparietal visual pathways in the primate brain. In P. Williamson & A. M. Siegel (Eds.), *Neocortical Epilepsies*. Philadelphia, PA: Lippincott-Raven Publishers.
- Goodale, M.A.** & Humphrey, G.K. (1999). The objects of action and perception. In M.J. Tarr & H. H. Bühlhoff (Eds.), *Object Recognition in Man, Monkey, and Machine* (pp. 181-207). Cambridge, MA: MIT Press.
- Goodale, M.A.** (1998). Vision for perception and vision for action in the primate brain. In G. R. Bock and J. Goode (Eds.), *Sensory Guidance of Movement*. New York: John Wiley & Sons.
- Goodale, M.A.**, & Arbib, M. (1998). The cognitive architecture of vision and action. In Z. Pylyshyn (Ed), *Proceedings of the inaugural conference of Rutgers Centre for Cognitive Science*. Norwood, NJ: Ablex Publishing (pp. 205-234).
- Goodale, M.A.** (1998). Visual pathways for perception and action. In *Selection and Integration of Visual Information: Proceedings of the International Workshop on Advances in Research on Visual Cognition*. Tsukuba, Japan: Science and Technology Association and National Institute of Bioscience and Human-Technology, 183-199.
- Goodale, M.A.**, & Haffenden, A. (1998). When vision is not sight: Dissociations between perception and action in human vision. In L. Harris and H. Jenkin (Ed.), *Vision and Action*. Cambridge: Cambridge University Press.
- Goodale, M.A.** (1997). Visual routes to perception and action in the cerebral cortex. In M. Jeannerod (Ed), *Handbook of Neuropsychology*, Vol 11. Amsterdam: Elsevier.
- Goodale, M.A.**, and Servos, P. (1996). The visual control of prehension. In H. Zelaznik (Ed), *Advances in motor learning and control*. Champaign, IL: Human Kinetics Publishers.

Chapters in Books: (cont'd)

- Goodale, M.A.** (1996). One visual experience, many visual systems. In T. Inui and J. McClelland (Eds.), *Attention and performance XVI: Information integration in perception and communication*. Cambridge, MA: MIT Press.
- Goodale, M.A.**, Jakobson, L. S., & Servos, P. (1996). The visual pathways mediating perception and prehension. In R. Flanagan, P. Haggard, & A. Wing (Eds.), *Sensorimotor Control of the Hand*. New York: Academic Press.
- Goodale, M.A.**, & Murphy, K. J. (1996). Action and perception in the visual periphery. In P. Thier and H. Karnath (Eds.), *Parietal lobe contributions to orientation in 3D space. Experimental Brain Research supplements*. Berlin: Springer-Verlag.
- Goodale, M.A.** (1994). Visual pathways supporting perception and action in the primate cerebral cortex. In Pribram, K. (Ed.), *Origins: Brain and self organization* (pp.584-592). Hillsdale, NJ: Lawrence Erlbaum Associates.
- Goodale, M.A.** & Milner, A.D. (1994). Separate visual pathways for perception and action. In Gutfreund, H and Toulouse, G (Eds.), *Biology and computation: A physicist's choice. Advanced series in neuroscience, Vol. 3.* (pp. 606-611). River Edge, NJ: World Scientific Publishing Co.
- Goodale, M.A.** (1995). The cortical organization of visual perception and visuomotor control. In S. Kosslyn (Ed), *An invitation to cognitive science. Vol. 2. Visual cognition and action* (2nd Edition). Cambridge, MA: MIT Press.
- Jakobson, L.S., & **Goodale, M.A.** (1994). The neural substrates of visually guided prehension: The effects of focal brain damage. In K. B. Bennett and V. Castiello (Eds), *New perspectives in the control of the reach to grasp movement.* (pp. 199-214). Amsterdam: Elsevier.
- Milner, A. D., & **Goodale, M.A.** (1993). Visual pathways to perception and action. In T. P. Hicks, S. Molotchnikoff, and T. Ono (Eds), *Progress in brain research, Vol. 9* (pp. 317-337). Amsterdam: Elsevier.
- Ellard, C. G., & **Goodale, M.A.** (1991). Computation of absolute distance in the Mongolian gerbil (*Meriones unguiculatus*): Depth algorithms and neural substrates. In M. A. Arbib and J.-P. Ewert (Eds), *Visual structures and integrated functions* . New York: Springer-Verlag.
- Goodale, M.A.**, & Carey, D. P. (1990). The role of cerebral cortex in visuomotor control. In B. Kolb and R. Tees (Eds.), *The cerebral cortex of the rat*. Cambridge, Mass.: M.I.T. Press.
- Goodale, M.A.** (1990). Brain asymmetries in the control of visually guided reaching. In M. A. Goodale (Ed.), *Vision and action: The control of grasping*. Norwood, N.J.: Ablex Publishing Corporation.
- Goodale, M.A.** (1988). Modularity in visuomotor control: From input to output. In Z. Pylyshyn (Ed.), *Computational processes in human vision: An interdisciplinary perspective*. Norwood, N.J.: Ablex Publishing Corporation.
- Prablanc, C., Pelisson, D., & **Goodale, M.A.** (1986). How do the eyes drive the unseen hand in pointing at a visible target? In S. Ron, R. Schmid and M. Jeannerod (Eds.), *Plasticity in sensorimotor systems*. Paris: INSERM.
- Goodale, M.A.** (1983). Neural mechanisms of visual orientation in rodents: Targets versus places. In A. Hein and M. Jeannerod (Eds.), *Spatially oriented behavior*. Berlin: Springer-Verlag.
- Goodale, M.A.** (1983). Vision as a sensorimotor system. In T. E. Robinson (Ed.), *Behavioral approaches to brain research*. New York: Oxford University Press.

Chapters in Books: (cont'd)

- Goodale, M.A.** (1983). Visuomotor organization of pecking in the pigeon. In J.-P. Ewert, R. R. Capranica and D. J. Ingle (Eds.), *Advances in vertebrate neuroethology*. New York: Plenum Press.
- Goodale, M.A., & Graves, J. A.** (1982). Retinal locus as a factor in interocular transfer in the pigeon. In D. J. Ingle, M. A. Goodale and R. M. Mansfield (Eds.), *The analysis of visual behavior* (pp. 211-240). Cambridge, Massachusetts: M.I.T. Press.
- Goodale, M.A., & Milner, A. D.** (1982). Fractionating orientation behavior in rodents. In D. J. Ingle, M. A. Goodale and R. M. Mansfield (Eds.), *The analysis of visual behavior* (pp. 267-299). Cambridge, Massachusetts: M.I.T. Press.
- Graves, J., & **Goodale, M.A.** (1979). Do training conditions affect interocular transfer in the pigeon (*Columba livia*)? In Berlucchi, Russell, and Van Hof (Eds.), *Interhemispheric Communication*. London: MacMillan.

Book Reviews, Commentaries, and Encyclopedia Entries:

- Goodale, M.A.** (2018). Interview. *Current Biology*, 28, PR586-R588,
- Buckingham, G., & **Goodale, M.A.** (2013). When the predictive brain gets it really wrong. [Commentary on a paper by A. Clark] *Behavioral and Brain Sciences*, 36, 208-209.
- Milner, A.D. & **Goodale, M.A.** (2009). Visual Streams: What vs. How? In Editors T. Bayne, A. Cleeremans, and P. Wilken. *Oxford Companion to Consciousness*. Oxford, UK: Oxford University Press.
- Goodale, M.A.** (2009). Thinking outside the box. .
- Goodale, M.A.** (2008). Grasping other minds. *Neuron*, 59, 690-693.
- Goodale, M.A. & Milner, A. D.** (2008). Vision for action and perception. In Editor Larry Squire, *The New Encyclopedia of Neuroscience*. Oxford UK: Elsevier Ltd.
- Goodale, M.A. & Cant J.S.** (2007). Coming to grips with vision and touch. *Behavioural Brain Sciences*, 30, 209-210.
- Chouinard, P.A. & **Goodale, M.A.** (2007). Functional reorganization in the adult brain. *Neuron*, 54, 352-353.
- Goodale, M.A.** (2005). Action insight: the role of the dorsal stream in the perception of grasping. *Neuron*, 47, 328-329.
- Goodale, M.A.** (2004). Vision-for-action. In R.L. Gregory (ed.), *Oxford Companion to the Mind*. Oxford: Oxford University Press, pp.927-928.
- Goodale, M.A.** (2004). The eyes have it. *Nature Neuroscience* 7, 415.
- Goodale, M.A. & Milner, A.D.** (2004). Plans for action. *Behavioral and Brain Sciences*, 27, 37-40.
- Milner, A.D. & **Goodale, M.A.** (2002). The visual brain in action (précis): reprinted from *Psyche: An Interdisciplinary Journal of Research on Consciousness*. In A. Noë and E. Thompson (Eds.) *Vision and Mind*. MIT Press: Cambridge MA.
- Westwood, D.A. & **Goodale, M.A.** (2001). Perception and action planning: Getting it together. *Behavioral and Brain Sciences*, 24, 907.
- Goodale, M.A.** (2001). Real action in a virtual world. *Behavioral and Brain Sciences*, 24, 984.
- Goodale, M.A.** (2000). A visible difference. *Current Biology*, 10, R47-R48.
- Danckert, J., & **Goodale, M.A.** (2000). Blindsight: A conscious route to unconscious vision. *Current Biology*, 10, R64-R67.

Book Reviews, Commentaries, and Encyclopedia Entries: (cont'd)

- Goodale, M.A.** (2000). Visual processing streams. In R. Wilson & F. Keil (Eds.), *The MIT Encyclopedia of Cognitive Sciences*. Cambridge, MA: MIT Press and Bradford Books.
- Goodale, M.A.** (1999) New brains from old genes. Review of “Evolving Brains” by J.M. Allman. *Cerebrum*, 1, 89-95.
- Milner, A.D., & **Goodale, M.A.** (1998). The visual brain in action (precis). *Psyche*, 4, <http://www.theassc.org/files/assc/2367.pdf>
- Goodale, M.A.** (1997). Pointing the way to a unified theory of action and perception. [Invited commentary on ‘Deictic codes for the embodiment of cognition’ by D. H. Ballard, M. M. Hayhoe, P. K. Pook, & R. P. N. Rao]. *Behavioural and Brain Sciences*, 20, 723-742.
- Goodale, M.A.** (1995). Active minds, sleeping bodies. ? [Invited commentary]. *The Lancet*, 344, 1036.
- Goodale, M.A.** (1995). [Review of image and the brain The resolution of the imagery debate by S. Kosslyn]. *Journal of Cognitive Neuroscience*, 7, 415-422.
- Goodale, M.A.** (1994). Perceiving the world and grasping it: Is there a difference? [Invited commentary]. *The Lancet*. 343, 930-931.
- Goodale, M.A.**, & Jakobson, L. S. (1992). Action systems in the posterior parietal cortex. [Commentary on ‘The representation of egocentric space in the posterior parietal cortex’ by J. F. Stein] *Behavioral and Brain Sciences*, 15(4), 747.
- Goodale, M.A.**, & Servos, P. (1992). Now you see it, now you don't: how delaying an action can transform a theory. [Invited commentary on ‘Early stages in a sensorimotor transformation’ by M. Flanders, S. I. Helms Tillery, and J.F. Soechting] *Behavioral and Brain Sciences*, 15, 335-336.
- Goodale, M.A.** & Graves, J. A. (1990). Pigeons, primates, and division of labour in the vertebrate visual system. [Invited commentary on ‘Functional specialization in the lower and upper visual fields in humans: Its ecological origins and neurophysiological implications’ by F. H. Previc] *Behavioral and Brain Sciences*, 13, 551-552.
- Goodale, M.A.** (1987). Two hemispheres: One reaching hand. [Commentary on ‘Primate handedness’ reconsidered by P. MacNeilage, M. G. Studdert-Kennedy and B. Lindblom.] *The Behavioral and Brain Sciences*, 10, 275-276.
- Goodale, M.A.** (1987). The complete visual system: From input to output. [Commentary on ‘Neuroethology of releasing mechanisms: Prey-catching in toads’ by J.-P. Ewert.] *The Behavioral and Brain Sciences*, 10, 379-380.
- Goodale, M.A.** (1985). [Review of ‘Animal models of human behaviour: Conceptual, evolutionary and neurobiological perspectives’ edited by Graham Davey.] *Neuropsychologia*, 23, 701-702.
- Goodale, M.A.** (1984). [Review of ‘Laterality: Functional asymmetry in the intact brain’ by M. P. Bryden. *Neuropsychologia*, 22, 387-389.
- Vanderwolf, C. H. & **Goodale, M.A.** (1982). Does introspection have a role in brain-behavior research? [Commentary on a paper by J. Panksepp] *Behavioral and Brain Sciences*, 5, 448.

Published Abstracts (last six years only):

- Maltseva, M., Stubbs, K., & **Goodale, M.A.** (2017). Congruent familiar size relationships decrease size contrast illusion. *Journal of Vision*, 17: 1229. doi:10.1167/17.10.1229

Published Abstracts: (cont'd)

- Goodale, M.A. (2016). The role of the posterior parietal cortex in the control of action. *Journal of Vision*, 16(12):1303.
- Chen, J., Goodale, M.A., & Sperandio, I. (2016). Size constancy is not accomplished in the early stage of visual processing. *Journal of Vision*, 16(12):295.
- Crewther, S., Wright, A., Goodale, M.A., & Laycock, R. (2016). Autism Spectrum Disorder traits predict reduced attentional priority for faces: Fact or fiction? *16(12):482*.
- Paulun, V., Buckingham, G., Gegenfurtner, K., Fleming, R., & Goodale, M.A. (2015). Modulation of the Material-Weight Illusion in objects made of more than one material. *Journal of Vision*, 15(12):1156.
- Whitwell, R.L., Sperandio, I., Buckingham, G., Chouinard, P.A., & Goodale, M.A. (2015). Evidence for a functional and anatomical dissociation in the use of size constancy for perceptual report and goal-directed grasping. *Journal of Vision* 15(12):187.
- Paulun, V.C., Gegenfurtner, K.R., **Goodale, M.A.**, & Fleming, R.W. (2014). Getting a grip on different materials. *Journal of Vision*, 14 (1): 903.
- Whitwell, R.L., Milner, A.D., Cavina-Pratesi, C., Barat, M., Byrne, C.M., & **Goodale, M.A.** (2014). Visual feedforward grasping and motor adaptation to actual target width in visual form agnostic Patient DF. *Journal of Vision*, 14 (1): 904.
- Merritt, K.E., Whitwell, R.L., Buckingham, G., Chouinard, P., & **Goodale, M.A.** (2014). Dissociating action and perception using a 3D variant of the Sanders Illusion while controlling for visual and haptic feedback. *Journal of Vision*, 14 (1): 422.
- Chen, J., **Goodale, M.A.**, Culham, J.C., & Snow, J.C. (2014). fMRI activation and connectivity in the dorsal and ventral visual streams for elongated and stubby tools and non-tools. *Journal of Vision*, 14 (1): 422.
- Milne, J.L., **Goodale, M.A.**, & Thaler, L. (2013). Is there a 'retinotopic' representation of echo locations in the calcarine cortex of the blind brain? *Journal of Vision*, 13, 1334.
- Snow, J., Berhrmann, M., & **Goodale, M.A.** (2013). Neuropsychological evidence for separate shape representations in vision and touch: a study using the Judd variant of the Muller-Lyer illusion. *Journal of Vision*, 13, 1076.
- Podrebarac, S., **Goodale, M.A.**, & Snow, J. (2013). Are visual texture-selective areas recruited during haptic texture discrimination? *Journal of Vision*, 13, 876.
- Smith, F. & **Goodale, M.A.** (2013). Decoding visual objects in somatosensory cortex: the effect of prior visuo-haptic experience. *Journal of Vision*, 13, 875.
- Striemer, C.L., Whitwell, R.L., & Goodale, M.A. (2013). Implicit facial emotion recognition in a case of cortical blindness. *Journal of Vision*, 13, 585.
- Whitwell, R.L., Cavina-Pratesi, C., Milner, A.D., & **Goodale, M.A.** (2013). Preserved grip scaling to visual size despite non-veridical haptic feedback in a patient with visual form agnosia. *Journal of Vision*, 13, 339.
- Chen, J., Sperandio, I., & Goodale, M.A. (2013). The influence of crowding on grip scaling during grasping. *Journal of Vision*, 13, 336.
- Byrne, C.M., Whitwell, R.L., Ganel, T., & **Goodale, M.A.** (2013). Can't Touch This: Removing haptic feedback of the goal object during visually-guided grasping induces pantomime-like grasps. *Journal of Vision*, 13, 335.
- Snow, J.C., **Goodale, M.A.**, & Culham, J.C. (2012). The lateral occipital complex is not necessary for haptic shape representation. *Society for Neuroscience Abstracts*, 319.05.

Published Abstracts: (cont'd)

- Wood, D.K., Cruse, D., & **Goodale, M.A.** (2012). Electrophysiological correlates of biomechanically induced bistability of preferred arm-postures. *Society for Neuroscience Abstracts*, 186.12.
- Striemer, C.L., **Goodale, M.A.**, & de Ribaupierre, S. (2012). Overlapping neural circuits for visuospatial attention and eye movements in human cerebellum. *Journal of Vision*, 12, 375.
- Milne, J.L., **Goodale, M.A.**, Arnott, S.R., Kish, D., & Thaler, L. (2012). Parahippocampal cortex is involved in material processing through echolocation in blind echolocation experts. *Journal of Vision*, 12, 581.
- Sperandio, I., Whitwell, R., Chouinard, P.A., & **Goodale, M.A.** (2012). Preservation of size constancy for action, but not perception, in a patient with bilateral occipital lesions. *Journal of Vision*, 12, 837.
- Thaler, L., & **Goodale, M.A.** (2011). The Allocentric Brain in Action. *Journal of Vision*, 11, 939.
- Buckingham, G., Wong, J.D., Tang, M., Gribble, P.L., & **Goodale, M.A.** (2011). Observing object lifting errors. *Society for Neuroscience Abstracts*, 222.02.
- Thaler, L., Paciocco, J., Daley, M., Purcell, D.W., Lesniak, G.D., **Goodale, M.A.**, & Culham, J.C. (2011). A selective impairment of auditory perception of motion direction in peripheral space: A case study. *Society for Neuroscience Abstracts*, 478.18.
- Sperandio, I., Chouinard, P.A., & **Goodale, M.A.** (2011). Size-distance scaling in human primary visual cortex: Evidence from neuroimaging. *Society for Neuroscience Abstracts*, 536.02.
- Arcaro, M.J., McLean, D.A., Quinlan, D.J., Dutton, G.N., **Goodale, M.A.**, Kastner, S., & Culham, J.C. (2011). Cortical and subcortical response properties in a patient with visual cortex lesions. *Society for Neuroscience Abstracts*, 695.12.
- Wood, D.K., Buckingham, G., Anwar, A., & **Goodale, M.A.** (2011). Foreknowledge of sequence optimizes fingertip force prediction in the absence of distinguishing visual cues. *Society for Neuroscience Abstracts*, 814.07.
- Striemer, C.L., Whitwell, R., & **Goodale, M.A.** (2011). The functional correlates of action blindsight: Evidence for a functioning fronto-parietal network in the absence of phenomenological vision. *Society for Neuroscience Abstracts*, 924.09.

Invited addresses and colloquia (last six years):

- La Trobe University, Melbourne, Australia, July, 2018.
- Workshop “Sensory Plasticity, Adaptation, and Development, University of Pisa, Pisa, Italy, June, 2018.
- Celebration of Larry Weiskrantz, University of Oxford, Oxford, UK, June, 2018.
- Workshop “The InHuman Gaze and Perceiving Otherwise, Centre Culturel Irlandais, Paris, France, June, 2018.
- Leading Edge Workshop: Time for Action: Reaching for a Better Understanding of the Dynamics of Cognition, Psychonomic Society, Amsterdam, The Netherlands, May, 2018.
- Justus Liebig University, Giessen, Germany, June, 2017.
- Program meeting on “Disorders of the Contents of Consciousness”, Azrieli Program on Brain, Mind, and Consciousness, Canadian Institute for Advanced Research, Beijing, China, June, 2017.

Invited addresses and colloquia: (cont'd)

- University of Verona, Verona, Italy, May, 2017.
- Satellite Symposium, Society for the Neural Control of Movement, Dublin, Ireland, April, 2017.
- International Workshop on Navigation in honour of Prof. Rita Levi-Montalcini, European Brain Research Institute, Rome, Italy, April, 2017.
- Celebration in honour of Prof. Malcolm Jeeves, University of St. Andrews, Scotland, November, 2016.
- The Japan-Canada Joint Symposium: Science of Consciousness, 39th Annual Meeting of the Japan Neuroscience Society, Yokohama, Japan, July, 2016
- Symposium on Symposium in Honour of Larry Weiskrantz, Turin, Italy, June, 2016.
- Symposium on “The Parietal Cortex in Vision, Cognition, and Action”, Vision Sciences Society, St. Pete Beach, Florida, May, 2016.
- Gibson Lecture, Cornell University, Ithaca, NY, April, 2016.
- Nanjing University, Nanjing, China, March, 2016.
- European Workshop on Cognitive Neuropsychology, Bressanone, Italy, January, 2016.
- Jeeves Lecture, School of Psychology and Neuroscience, University of St. Andrews, Scotland, United Kingdom, November, 2015.
- Department of Psychology, University of Waterloo, ON, November, 2015.E
- Keynote Address, SCAPPS, Edmonton, AB, October, 2015.
- Keynote Address, Italian Society for Neuroscience, Cagliari, Sardinia, Italy, October, 2015.
- Pisa Vision Laboratory, CNR Institute of Neuroscience, Pisa, Italy, October, 2015.
- Presidential Lecture, Canadian Association for Neuroscience, Vancouver, BC, May, 2015.
- Research Day, School of Optometry, University of Montreal, Montreal, March, 2015.
- 25th Annual Conference, Rotman Research Institute, Toronto, March, 2015.
- Centre for Theoretical Neuroscience, University of Waterloo, Waterloo, February, 2015.
- School of Psychology, La Trobe University, Melbourne, Australia, February, 2015.
- Prism 4 Conference on Material Properties, Ankara, Turkey, October, 2014.
- University of Melbourne, Melbourne, Australia, August, 2014.
- La Trobe University, Melbourne, Australia, August, 2014.
- University of East Anglia, Workshop on Perception and Action, Norwich, United Kingdom, June, 2014.
- University of Verona, Italy, May, 2014.
- Department of Psychology, University of Leipzig, April, 2014.
- Tagung experimentell arbeitender Psychologen, Giessen, Germany, April, 2014.
- Department of Psychology, University of Nevada (Reno), March, 2014.
- Institute for Cognitive Neuroscience, University of Geneva, Geneva, Switzerland, December, 2013.
- Department of Psychology, Durham University, Durham, United Kingdom, November, 2013.
- China Astronaut Centre of China, Space City, Beijing, China, September, 2013.
- Department of Psychology, Peking University, Beijing, China, September, 2013.
- School of Psychology, Beijing Normal University, Beijing, China, September, 2013.
- 64th International Astronautical Congress, Beijing, China, September, 2013.
- Conference on Brain Development and Learning, Vancouver, British Columbia, July, 2013

Invited addresses and colloquia: (cont'd)

- Asia Pacific Conference on Vision, Suzhou, China, July, 2013.
- Active Vision Workshop, Sant'Elia a Pianisi, Italy, June, 2013.
- Neuroscience Program, University of British Columbia, Vancouver, British Columbia, April, 2013.
- School of Health and Exercise Sciences, University of British Columbia at Okanagan, Okanagan, British Columbia, April, 2013.
- Action Club, Penn State, University Park, Pennsylvania, March, 2013.
- Donald O. Hebb Lecture, Department of Psychology, Dalhousie University, Halifax, Nova Scotia, March, 2013.
- RIKEN, Brain Science Institute, Tokyo, Japan, December, 2012.
- 11th annual meeting of the Japanese Society of Behavioral Development in Infancy, Kyoto, Japan, December, 2012.
- Symposium in honour of Marc Jeannerod, Lyon, France, October, 2012.
- Bryan Kolb Lecture, Hotchkiss Brain Institute, University of Calgary, September, 2012.
- Brain and Cognitive Sciences, University of Rochester, Rochester, NY, September, 2012.
- International Neuropsychological Symposium, Bonafacio, Corsica, France, June, 2012.
- Concepts, Actions, and Objects Symposium, University of Trento, Rovereto, Italy, May, 2012.
- Mastery of Manual Skills: Recent Insights into Typical and Atypical Development of Manual Ability, University of Groningen, Groningen, The Netherlands, April, 2012.
- China Astronaut Research and Training Center, Space City, Beijing, China, April, 2012.
- State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, Beijing, China, April, 2012.
- Institute of Neuroscience, Chinese Academy of Sciences, Shanghai, April, 2012.
- Department of Psychology, Michigan State University, East Lansing, Michigan, February, 2012.

POSTDOCTORAL FELLOWS

Dr. Daria Proklova	2017-present
Dr. Kaitlin Laidlaw	2016-present
Dr. Robert Foley	2016-2017
Dr. Yoshiko Yabe	2013-present
Dr. Juan Chen	2012- present
Dr. Fraser Smith	2010-2012
Dr. Irene Sperandio	2009-2012
Dr. Gavin Buckingham	2008-2012
Dr. Stephanie Rossit	2009-2010
Dr. P. S. Mathuranath	2009-2010
Dr. Lore Thaler	2008-2011
Dr. Jacqueline Snow	2008-2010
Dr. Chris Striemer	2007-2011
Dr. Jessica Witt	2006-2007
Dr. Marla Wolf	2005-2008
Dr. Philippe Chouinard	2005-2014

POSTDOCTORAL FELLOWS: (cont'd)

Dr. Erik Chang	2004-2006
Dr. Stephen Arnott	2004-2007
Dr. Claudia Gonzalez	2004-2007
Dr. Sukhvinder Obhi	2003-2005
Dr. Liana Brown	2002-2006
Dr. Tzvi Ganel	2002-2005
Dr. Jennifer Steeves	2002-2003
Dr. David Whitney	2001-2004
Dr. David Westwood	2001-2002
Dr. Susanne Ferber	2000-2002
Dr. Sarah Creem	2000
Dr. James Danckert	1999-2002
Dr. Reiko Osu	1999-2000
Dr. Jody Culham	1998-2001
Dr. Heather Carnahan	1991-1992

GRADUATE STUDENTS

Kate Merritt	M.Sc. (Neuroscience)	2016
Robert Whitwell	Ph.D. (Neuroscience)	2015
Jennifer Milne	Ph.D. (Neuroscience)	2014
Daniel Wood	Ph.D. (Neuroscience)	2013
Samantha Podrebarac	M.Sc. (Neuroscience)	2013
Charlie Pettypiece	M.Sc. (Neuroscience)	2011
Craig Chapman	Ph.D. (Psychology)	2011
Cathy Kao	MSc. (Psychology)	2009
Jonathan Cant	Ph.D. (Neuroscience)	2009
Grzegorz Króliczak	Ph.D. (Neuroscience)	2005
Jason Connolly	Ph.D. (Neuroscience)	2003
Derek Quinlan	M.Sc. (Neuroscience)	2003
Matthew Brown	M.Sc. (Neuroscience)	2003
Angela M. Haffenden	Ph.D. (Psychology)	2002
Karin Harman James	Ph.D. (Psychology)	2002
Thomas W. James	Ph.D. (Neuroscience)	2001
Nicole Mendarozqueta	M.A. (Psychology)	2000
Yaoping Hu	Ph.D. (Engineering)	1999
Jonathan J. Marotta	Ph.D. (Neuroscience)	1998
Kelly J. Murphy	Ph.D. (Psychology)	1996
AnnaLee Kruyer	M.A. (Psychology)	1996
David P. Carey	Ph.D. (Psychology)	1994
John Paul Meenan	M.Sc. (Neuroscience)	1994
Philip Servos	Ph.D. (Psychology)	1993
Lorna S. Jakobson	Ph.D. (Psychology)	1993
Hongjin Sun	M.A. (Psychology)	1991
Margaret Waurick	M.A. (Psychology)	1987

GRADUATE STUDENTS (cont'd)

Runa E. Steenhuis	Ph.D. (Psychology)	1987
Colin G. Ellard	Ph.D. (Psychology)	1986
Marla E. Cohen	M.A. (Psychology)	1985
John D. Fisk	Ph.D. (Psychology)	1983
Edward Mlinar	M.A. (Psychology)	1982
Jefferson A. Graves	Ph.D. (Psychology)	1978

Signature:

Date: September 15, 2018