

CURRICULUM VITAE

Name: Laurence Roy Harris
Nationality: British and Canadian
Date of Birth: 17 May 1953

DEGREES

1974 BA Honours (Natural Sciences) Magdalene College, University of Cambridge
1978 MA Honours Magdalene College, University of Cambridge
1978 PhD Magdalene College, University of Cambridge (Thesis Advisor: Dr C Blakemore)

POSTS HELD

1974-1978 Medical Research Council (MRC) scholar.
Departments of Psychology and Physiology,
University of Cambridge
1976-1978 Secretary of the Kenneth Craik Club (Cambridge)
1978-1980 Post Doctoral Research Fellow. Department of Psychology,
Dalhousie University, Halifax, Nova Scotia, Canada
(with Dr M Cynader)
1980-1983 Addison Wheeler Post-doctoral Research Fellow, Department of Psychology,
University of Durham, England
1983-1989 University Lecturer (tenured), Department of Physiology,
University of Wales College of Cardiff, UK
1990-1995 Associate Professor (tenured), Department of Psychology,
York University, Toronto, Ontario, Canada
1996- Professor (tenured), Department of Psychology,
York University, Toronto, Ontario, Canada
2006- Chair of Psychology Department, York University

VISITING FELLOWSHIPS AND CONSULTANCIES

1980 Visiting Fellow at Max Planck Institut, Munich
1983 Visiting Fellow at Max Planck Institut, Tübingen
1983 Consultant for the RAF at Institute of Aviation Medicine, Farnborough
1985 Visiting Professor at University of Calgary, Alberta, Canada
1987 Visiting Fellow at the Free University of Berlin
1989 Visiting Lecturer on Otology and Laryngology, Harvard University
1999 Visiting Professor at Tübingen University
1999 Expert witness in driving accident case
2001 Visiting Professor at Tübingen University

GRANTS AND SPONSORS

(\$ are Canadian unless otherwise specified)

1978	Wellcome Travel Grant	£ 500
1980-1983	Addisson Wheeler Fellowship, University of Durham	£ 10,000
1983	Set-up money from Physiology, Cardiff	£ 20,000
1984-1986	Nuffield Foundation Award for New Science Lecturers	£ 3,962
1985	Royal Society Travel Grant	£ 600
1986-1989	MRC (UK) Grant number: G8601355N <i>Interactions between otoliths, vision and semicircular canals in the vestibular nuclei</i>	£ 68,675
1987	British Council Travel Grant	£ 130
1988	Wellcome Trust Prize Studentship <i>An investigation of the interactions between the visual, vestibular and eye movement systems in the encoding of object motion by the brain. (Co-PI's: LR Harris and AT Smith)</i>	£ 23,400
1989-1991	NASA Grant No: NCC 2-602 <i>Modification of the response to yaw axis linear acceleration in humans. (PI: C Wall; Co-I: LR Harris)</i>	US\$ 45,000
1989	Renewal of MRC (UK) grant No. G8601355N	£ 10,460
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1990	Set-up money from York University	\$ 20,000
1990-1993	NSERC (Canada) Grant No. OGP0046271 <i>The detection of conflict in visual-vestibular interactions</i>	\$ 90,000 (£30,000 pa for 3 years)
1991	NATO Grant No: CRG 910076 <i>Perceptual and reflex systems used to distinguish motion detection mechanisms. (co-PI's: LR Harris and AT Smith)</i>	Belgian Fr 125,000
1993-1997	NSERC (Canada) renewal of Grant No. OGP0046271 <i>The detection of conflict in visual-vestibular interactions</i>	\$ 112,000 (£28,000 p.a. for 4 years)
1993-1994	York Leave Fellowship <i>The role of the nodulus</i>	
1993	NATO renewal of Grant No: CRG 910076 <i>Perceptual and reflex systems used to distinguish motion detection mechanisms. (co-PI's: LR Harris and AT Smith)</i>	

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1993-1996	ISTS (Institute for Space and Terrestrial Science, Ontario) <i>The processing of visual and vestibular information</i> (co-PI's: LR Harris and K Grasse)	\$186,000 (\$62,000 p.a. for 3 years)
1995	President's NSERC fund, York University <i>The detection of conflict in visual-vestibular interactions.</i>	\$2,700
1995-1996	PRECARN feasibility study <i>The use of visual and vestibular information to enhance the sensation of motion in immersive environments</i> (with M Jenkin, Aastra Aerospace and ISTS)	\$35,000
1995-1998	NSERC (Canada) (Collaborative Grant No: CPG0181883) <i>Using self motion information in telepresence and robotic control</i> (PI: L Harris; Co-PI: M Jenkin)	\$192,000 (95-96: \$68,000/96-7: \$68,000/97-98: \$56,000 p.a. for 3 years)
1997-1998	ISTS (Institute for Space and Terrestrial Science, Ontario) <i>The processing of visual and vestibular information</i> (co-PI's: LR Harris and K Grasse)	\$60,000 (\$30,00 p.a. for 2 years)
1997-2001	Operating Grant (NSERC) Renewal of OGP0046271 <i>Sensory processing during self movement</i> (PI)	\$ 127,890 (1997/8: \$29,000; 1998/99: \$31,900; 1999/2000: \$33,495; 2000/1: \$33,495)
1998-1999	Centre for Research in Earth and Space Technology (CRESTech) <i>Performance in Virtual Environments</i> (PI with M. Jenkin and K. Grasse) Part of <i>Human Performance in an Aerospace Environment</i> Theme for which the total budget is Cdn \$456,000	\$90,000
1999-2000	Centre for Research in Earth and Space Technology (CRESTech) <i>Performance in Virtual Environments</i> (PI with M. Jenkin) Part of <i>Human Performance in an Aerospace Environment</i> Theme for which the total budget is Cdn \$500,000	\$60,000
1999-2002	Ontario Research and Development Challenge Fund (ORDCF) <i>Improvements to the Centre for Vision Research (CVR) at York University</i> (I am the PI on this grant)	\$228,000 (over 3 years)

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1999-2002	Canadian Foundation for Innovation (CFI) with ORDCF matching funds: & Industry (SGI): & York: Total:	\$2,325,600 \$2,325,600 \$1,156,466 \$66,392 \$5,874,058
<i>Active Sensory Processing in Real and Synthetic Environments</i> <i>In collaboration with and on behalf of the Centre for Vision Research at</i> <i>York University (I am the PI on this grant)</i>		
2000-2001	Centre for Research in Earth and Space Technology (CRESTech) <i>Visual and non-visual cues immersive displays. (PI)</i> Part of Human Performance in an Aerospace Environment Theme for which the total budget is Cdn \$528,000 p.a	\$68,000
2000-2002	Major Facilities Award (MFA; NSERC) <i>Personnel support for York's Centre for Vision Research (Co-I with</i> <i>Michael Jenkin as PI)</i>	\$234,000 pa
2000	Centre for Research in Earth and Space Technology (CRESTech) Project Opportunities Fund <i>Oscillopsia under zero G obtained by parabolic flight in an NRC Falcon.</i>	\$20,000
2001-2004	National Space Biomedical Research Institute (NSBRI) USA <i>Visual Orientation and Spatial Memory: Mechanisms and</i> <i>Countermeasures. (Co-I with Ian Howard (PI), Wolfgang Stuerzlinger,</i> <i>Michael Jenkin)</i>	US \$300,000 over 3 years
2001-2002	Communications and Information Technology Ontario (CITO) <i>Immersive and Interactive Display Technology for Virtual Museums (Co-I</i> <i>with J. Tsotsos(PI), M. Jenkin, W. Stuerzlinger, J. Elder)</i>	\$87,500
2001-2004	Natural Sciences and Engineering Research Council (NSERC) <i>Sensory representation of space (PI)</i>	\$142,000 over 4 years
2001-2002	Centre for Research in Earth and Space Technology (CRESTech) <i>Visual and non-visual cues immersive displays (PI).</i>	\$70,000
2002-2006	Canadian Space Agency (CSA) <i>How gravity affects perception (PI with M Jenkin as Co-I)</i> CSA Contract 9F007-2-0212	Cdn \$315,256 (over four years)

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2001-2002	Centre for Research in Earth and Space Technology (CRESTech) <i>A pilot study on the levitation illusion, microgravity and vestibular stimulation: how do they affect our perception of shape from shading?. (Co-I with M Jenkin as PI).</i>	\$20,000
2002-5	Centre for Research in Earth and Space Technology (CRESTech) <i>The influence of galvanic stimulation of the vestibular system on the perception of up in large-field immersive environments(Co-I with M Jenkin as PI).</i>	\$169,104
2002	Defence and Civil Institute of Environmental Medicine (DCIEM) <i>Optimal cues for comfort and performance in a virtual reality aircraft (PI).</i>	\$29,000
2003-7	Canadian Space Agency (CSA) <i>How gravity affects perception: microgravity experiments (PI with M Jenkin as Co-I)</i> 9F007-3-3002	Cdn \$200,000 (over four years)
2003	Natural Science and Engineering Research Council (NSERC) (Equipment grant) <i>Virtual reality computer cluster (Co-I with M. Jenkin as PI)</i>	\$75,944
2004-7	National Space Biomedical Research Institute (NSBRI) US <i>Visual Orientation, Navigation, and Spatial Memory Countermeasures (Canadian PI; Chuck Oman is the US PI)</i>	US \$428,185 over 3 years
2005-9	CSA/NASA 9F007-052821 <i>The effect of long term weightlessness on perception Experiments on the International Space Station.</i>	Cdn \$350,000
2005-9	NSERC <i>The perception of multisensory space</i>	Cdn \$33,000pa.
2007/10	Humboldt Foundation <i>Self-motion perception in immersive environments (Co-I, PI= Michael Jenkin, Co-I=Rainer Herpers, Bonn-Rhein-Sieg University, Germany)</i>	(PENDING) Euro 32,000 over 3yrs
2007/8	CSA/ESA <i>The effect of bed rest on sensory weightings</i>	Cdn \$91,222

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2007/10	Canadian Foundation for Innovation (<i>Failed</i>) Imaging the brain's sensory and motor processes in real and synthetic environments	Cdn \$24,698,592
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2008/11	Canadian Institutes for Health Research (CIHR) (PENDING) Sensory Processing in Parkinsonism	Cdn 300,000
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MEMBERSHIP OF SOCIETIES

Applied Vision Association (A.V.A.) (UK)	1981
Association for Research in Vision and Ophthalmology (A.R.V.O.) (USA)	1980
Bárány Society (Sweden)	1983
Brain Research Association (B.R.A.) (UK)	1974
Cambridge Philosophical Society (UK)	1974
Canadian Society for Neurosciences (C.A.N.S.) (Canada)	1991
European Brain and Behaviour Society (E.B.B.S.) (Belgium)	1981
Experimental Psychology Society (E.P.S.) (UK)	1982
Physiological Society (UK)	1983
Research Defence Society (UK)	1974
Society for the Neural Control of Movement (N.C.M.) (USA)	1990
Society for Neurosciences (S.F.N.) (USA)	1990
Vision Sciences Society	2000

TEACHING EXPERIENCE

1974-1978	Supervising undergraduates in Experimental Psychology, University of Cambridge
1980-1983	Tutoring undergraduates in Psychology, University of Durham
1980-1983	Member of board of studies and examiners' board for Psychology, Durham
1980-1983	Lecturing in Psychology, Durham
1981-1983	Supervising undergraduate third year projects in Neurobiology (Durham)
1983-1990	Full teaching duties in Physiology, University College Cardiff (including tutorials, practical supervision, lecturing, examining)
1986-1990	Course organizer for Physiology-with-Psychology Joint Honours (Cardiff)
1988-1990	Course organizer for BSc Part I in Physiology course (Cardiff)
1990-	Full teaching duties in Psychology, York University (for details see below)

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REFEREE for JOURNALS

Acta Astronautica	Journal of Vision
European Journal of Neuroscience	Medical Science Monitor
Experimental Brain Research	Medicine & Science in Sports & Exercise
International Journal of Psychophysiology	Nature
Journal of the Association for Research in Otolaryngology (JARO)	Neuroscience Letters
Journal of Comparative Physiology A	Neuropsychologia
Journal of Experimental Psychology	Perception and Psychophysics
Journal of Neurophysiology	Perception
Journal of Physiology (London)	Psychological Sciences
Journal of Vestibular Research	Trends in Cognitive Sciences
	Vision Research

REFEREE for PUBLISHERS

Oxford University Press	Harwood Academic Publishers
Cambridge University Press	Springer Verlag
Routledge	

REVIEWER FOR GRANT BODIES

Occasional reviewer for:

Medical Research Council (MRC, Canada)
Canadian Institutes for Health Research (CIHR, Canada)
Natural Science and Engineering Research Council (NSERC, Canada)
Medical Research Council (MRC, UK)

Invited reviewer for:

CIHR (2003) Invited to Ottawa to assess Behavioural Sciences applications.
Canada Foundation for Innovation (CFI) (2001). Invited to Ottawa as a member of a Multi-disciplinary Assessment Committee for a three-day review of CFI applications totalling about \$100,000,000.
Natural Science and Engineering Research Council (NSERC, Canada) (2001). Referee to evaluate the excellence of candidates nominated for the Council's highest honour, the Gerhard Herzberg Canada Gold Medal for Science and Engineering.
National Institute of Health (NIH, USA) (March, 1995) Invited to Washington as a second-round reviewer for NIH/NASA grants for projects to take place on the Neurolab shuttle flight.
NIH (Feb, 1994) Invited to Washington as a reviewer for NIH/NASA grants for projects to take place on the Neurolab shuttle flight.
NASA (March, 1990) Invited to Washington as a consultant concerning the future of the NASA Ames Vestibular Research Facility.

Regular reviewer for:

CIHR Sitting on Behavioural Sciences C committee (2004-2006)
CFI Sitting on Leaders Opportunity Fund Advisory Committee (LOFAC) (2005-present)

PUBLICATIONS

Books

1. Harris LR, Jenkin M (1993) Eds. *Spatial Vision in Humans and Robots*. Cambridge University Press, Cambridge, UK. ISBN 0-521-43071-2. 448 pages.
2. Jenkin M, Harris LR. (1997) Eds *Psychophysical and computational mechanisms of visual coding*. Cambridge University Press, Cambridge, UK. ISBN 0-521-57104-9. 361 pages
3. Harris LR, Jenkin M. (1998) Eds. *Vision and Action*. Cambridge University Press, Cambridge, UK ISBN 0-521-63162-9. 360 pages.
4. Jenkin M, Harris LR (2001) Eds. *Vision and Attention*. Springer, NY ISBN 0-387-95058-3.
5. Harris LR, Jenkin M (2002) Eds. *Levels of Perception*. Springer NY ISBN 0-387-95525-9.
6. Jenkin M, Harris LR (2005) Eds. *Seeing Spatial Form*. Oxford University Press. NY ISBN 0195172884
7. Harris LR, Jenkin M (2007) Eds. *Computational vision in neural and machine systems*. Cambridge University Press. ISBN: 0521862604 320 pages
8. Jenkin M, Harris LR (in press) Eds. *Cortical Mechanisms of Vision*. Cambridge University Press

PUBLICATIONS

Book chapters

1. Harris LR, Cynader M (1981) Modification of the gain and balance of the vestibulo_ocular reflex: effects of dark_rearing and surgical section of crossed visual pathways. In: *Progress in Oculomotor Research*. Fuchs AF, Becker W. (Eds) Elsevier/North Holland pp. 465_475
2. Findlay JM, Harris LR (1984) Small saccades to double_stepped targets moving in two_dimensions. In: *Theoretical and applied aspects of eye movement research*. Gale AG, Johnson F. (Eds) Elsevier/North Holland. pp 71_78
3. Harris LR (1984) The Neurophysiology of eye movements. In: *Theoretical and applied aspects of eye movement research*. Gale AG, Johnson F (Eds) .Elsevier/North Holland. pp 383_384
4. Harris LR, Barnes GB (1987) The orientation of vestibular nystagmus is modified by head tilt. In: *The Vestibular System*. Graham MD, Keminck JL. (Eds) Raven Press, New York pp 571_581
5. Grüsser O-J, Guldin W, Harris LR, Lefèbre SC, Pause M (1992) Cortical representation of head in space and some psychophysical experiments on head movements In: *The Head-Neck Sensory Motor System*. Berthoz A, Vidal PP, Graf W (Eds). Oxford Univ. Press, Oxford. pp 497-509
6. Harris LR, Jenkin MJ (1993) Spatial Vision in Humans and Robots. In: *Spatial Vision in Humans and Robots*. Harris LR, Jenkin MJ (Eds) Cambridge University Press, New York. pp 1-7.

7. Harris LR (1994) Visual motion caused by movements of the eye, head and body. In: *Visual Detection of Motion*. Smith AT, Snowden R (Eds). Academic Press, London pp 397-436
8. Harris LR (1997) The coding of self motion. In: *Psychophysical and computational mechanisms of visual coding*. Jenkin M, Harris LR (Eds) Cambridge Univ. Press, Cambridge, UK. pp 157-183
9. Harris LR, Jenkin M (1997) Psychophysical and computational mechanisms of visual coding. In: *Psychophysical and computational mechanisms of visual coding*. Jenkin M, Harris LR. (Eds) Cambridge University Press, Cambridge, UK. pp 1-19
10. Harris LR, Zikovitz DC, Kopinska, A (1998) Frames of reference with examples from driving and auditory localization In: *Vision and Action*. Harris LR, Jenkin M (eds) Cambridge University Press, Cambridge, UK. pp 66-81
11. Harris LR, Jenkin M. (1998) Vision and action. In: *Vision and Action*. Harris LR, Jenkin M (eds) Cambridge University Press, Cambridge, UK. pp 1-12
12. Zikovitz DC, Harris LR (2000) Effects of gravito-inertial-force and vision on head tilt during driving. In: *Vision in Vehicles VII*. Gale, A (ed) Elsevier North-Holland pp 281-288
13. Harris LR, Jenkin M. (2001) Vision and Attention. In: *Vision and Attention*. Jenkin M, Harris LR (eds) Springer, NY. pp 1-17
14. Harris LR, Beykirch K, Fetter M (2002) What is the appropriate level of analysis of eye movements? A postmodern approach to the vestibulo_ocular reflex. In: *Levels of Perception*. Harris LR, Jenkin M. (Eds) Springer, NY. pp 279-291.
15. Harris LR, Howard IP, Jenkin M. (2002) Levels of Perception In: *Levels of Perception* Harris LR, Jenkin M (eds) Springer, NY. pp1-6
16. Harris LR, Jenkin M (2005) On seeing spatial form In: *Seeing Spatial Form*. Jenkin M, Harris LR (eds) Oxford University Press, NY
17. Harris LR, Jenkin M (2007) Computational vision. In: *Computational vision in neural and machine systems*. Harris LR, Jenkin M (Eds) Cambridge University Press, Cambridge.
18. Harris LR, Harrar V, Jaekl P, Kopinska A (in press, 2007) Mechanisms of simultaneity constancy. In: *Issues of space and time in perception and action*. edited by Romi Nijhawan. (Cambridge University Press)
19. Harris LR Visual-vestibular interactions. Article to appear in *The International Encyclopedia of Neuroscience* (Elsevier. North Holland)
20. Jenkin M, Harris LR (in press) Cortical mechanisms of vision. In: *Cortical mechanisms of vision*. Jenkin M, Harris LR (eds) Cambridge University Press, NY

PUBLICATIONS

Peer-reviewed Articles

1. Harris LR, Atkinson J, Braddick OJ (1976) Visual contrast sensitivity of a six month old infant measured by the evoked potential. *Nature* 264: 570-571
2. Barlow HB, Derrington AM, Harris LR, Lennie P (1977) The effects of remote visual stimulation on the responses of cat retinal ganglion cells. *J Physiol. (London)* 269: 177-194
3. Harris LR (1978) Contrast sensitivity and acuity of a conscious cat measured by the occipital evoked potential. *Vision Research* 18: 175-178
4. Harris LR (1980) The superior colliculus and movements of the eyes and head in cats. *J Physiol (London)* 300: 367-391
5. Cynader M, Harris LR (1980) Eye movements of strabismic cats. *Nature* 286: 64-65
6. Harris LR, Lepore F, Guillemont J_P, Cynader M (1980) Abolition of optokinetic nystagmus in the cat. *Science* 210: 91-92
7. Harris LR, Blakemore C, Donaghy MJ (1980) Integration of visual and auditory space in the mammalian superior colliculus. *Nature* 288: 56-59
8. Pinter RB, Harris LR (1981) Temporal and spatial response tuning characteristics of cat superior colliculus. *Brain Research* 207: 73-94
9. Harris LR, Cynader M (1981) The eye movements of the dark-reared cat. *Experimental Brain Research* 44: 41-56
10. Harris LR, Cynader M (1981) Modification of the balance and gain of the vestibulo-ocular reflex in the cat. *Experimental Brain Research* 44: 57-70
11. Harris LR, Morgan J, Still AW (1981) Moving and the motion after effect. *Nature* 293: 139-141
12. Rauschecker JP, Harris LR (1983) Auditory compensation of the effects of visual deprivation in the cat's superior colliculus. *Experimental Brain Research* 50: 69-83
13. Harris LR (1984) The effect of tilt on the responses of vestibular nucleus neurones to horizontal angular acceleration in the rat. *Acta Otolaryngol (Stockholm)* 406: 149-153
14. Harris LR (1987) Vestibular and optokinetic eye movements evoked in the cat by rotation about a tilted axis. *Experimental Brain Research* 66: 522-532
15. Harris LR (1987) The eye movements evoked by a rotating linear acceleration vector depend on a central velocity storage mechanism. *Brain Research* 437: 393-396
16. Harris LR (1988) Vertical canal stimulation abolishes horizontal velocity storage: effects on optokinetic nystagmus and eye movements evoked by a rotating linear acceleration. *Adv. Oto-Rhino-Laryng.* 41: 34-37
17. Harris LR (1988) The contribution of the semicircular canals to the response to off_vertical_axis rotation in the cat. *Experimental Brain Research* 71: 147-152
18. Harris LR (1988) Investigations of sensory interactions in the eye movement system. *Clin. Phys. Physiol. Meas.* 9: 280-283
19. Rauschecker JP, Harris LR (1989) Auditory and visual neurones in the cat's superior colliculus selective for the direction of apparent motion stimuli. *Brain Research* 490: 56-63
20. Harris LR (1989) Neurophysiology of the vestibular system *Brain* 112: 1119-1120

21. Harris LR (1989) The use of modelling in understanding eye movement control with examples taken from TUTSIM, a general purpose simulation computer program. *British Ocular Motor Group Newsletter* 2: 1-4

1991

22. Harris LR, Smith AT (1991) Use of plaid patterns to distinguish the corticofugal and direct retinal inputs to the brainstem optokinetic nystagmus generator. *Experimental Brain Research* 86: 324-332
23. Harris LR, Stelling JW (1991) The effect of canal/visual and canal/otolith conflict on type I vestibular nucleus neurones. *Acta Otolaryngologica (Stockh)* 48: 266-268

1992

24. Wall C, Harris LR, Lathan C (1992) Interactions between otoliths and vision revealed by the response to z-axis linear movements. *Annals of the New York Academy of Sciences* 656: 898-900
25. Harris LR, Smith AT (1992) Motion defined exclusively by second-order characteristics does not evoke optokinetic nystagmus. *Visual Neuroscience* 9: 565-570

1993

26. Harris LR, Lewis TL, Maurer D (1993) Brainstem and cortical contributions to the generation of optokinetic eye movements in humans. *Visual Neuroscience* 10: 247-259
27. Findlay JM, Harris LR (1993) Horizontal saccades to stereoscopically presented targets of differing disparity. *Vision Research* 33: 1001-1010
28. Harris LR, Goltz H, Steinbach MJ (1993) The effect of gravity on the resting position of the cat's eye. *Experimental Brain Research* 96: 107-116.

1994

29. Harris LR (1994) Keeping track of visual codes which move from cell to cell during eye movements. A commentary on Bridgeman, van der Heijden and Velichkovsky. *Behavioral and Brain Sciences* 17: 265-266
30. Harris LR (1994) The oculomotor response to plaids. *British Ocular Motor Group Newsletter* 7: 3-6
31. Sawin EP, Sokolowski MB, Harris LR, Campos AR (1994) Sensorimotor transformation from light reception to phototactic behaviour in drosophila larva. *Journal of Insect Physiology* 7: 553-567

1995

32. Lathan CE, Wall C, Harris LR (1995) The response of the otolith-ocular system to z-axis linear acceleration and optokinetic stimulation in humans: The effect of stimuli phase relationships during sinusoidal movement. *Experimental Brain Research* 103: 256-266
33. Harris LR, Lott LA (1995) Sensitivity to full-field visual movement compatible with head rotation: variations among axes of rotation. *Visual Neurosciences* 12: 743-754

1996

34. Harris LR, Lott LA (1996) Sensitivity to full-field visual movement compatible with head rotation: variation with eye-in-head position. *Visual Neurosciences* 13: 277-282
35. Harris LR, Lieberman L. (1996) Auditory stimulus detection is not suppressed during saccadic eye movements. *Perception* 25: 999-1004

1998

36. Harris LR (1998) The Mars/Sun collision illusion: motion is not visualizable in two different reference frames simultaneously. Commentary on Margolis on Cognitive_Illusion. PSYCOLOQUY
ftp://ftp.princeton.edu/pub/harnad/Psycoloquy/1998.volume.9/psyc.98.9.33.cognitive_illusion.2.harris

1999

37. Zikovitz DC, Harris LR (1999) Head tilt during driving. *Ergonomics* 42: 740-746

2000

38. Harris LR, Smith AT (2000) Second order motion influences OKN to first order motion *Experimental Brain Research* 130: 67-72.
39. Harris LR, Jenkin M, Zikovitz D.C. (2000) Vestibular capture of the perceived distance of passive linear self motion. *Archives Italiennes de Biologie* 138: 63-72.
40. Harris LR, Jenkin M, Zikovitz DC (2000) Visual and non-visual cues in the perception of linear acceleration *Experimental Brain Research* 135:12-21

2001

41. Redlick FP, Harris LR, Jenkin M (2001) Humans can use optic flow to estimate distance of travel. *Vision Research* 41: 213-219
42. Harris LR, Beykirch K, Fetter M (2001) Visual consequences of deviations in the orientation of the axis of rotation of the human vestibulo-ocular reflex. *Vision Research* 41: 3271-3281.
43. Wall C, Assad A, Aharon G, Dimitri, PS, Harris LR (2001) The human oculomotor response to simultaneous visual and physical movements at two different frequencies. *Journal of Vestibular Research* 11: 81-89

2002

44. Harris LR, Beykirch KA, Fetter M (2002) A three-channel model for generating the vestibulo-ocular reflex in each eye. *Annals N.Y. Acad. Sci.* 956: 537-542
45. Harris LR, Jenkin M, Zikovitz D, Redlick F, Jaekl P, Jasiobedzka U, Jenkin H, Allison R (2002) Simulating self motion I: cues for the perception of motion *Virtual Reality* 6: 75-85
46. Allison R, Harris LR, Hogue A, Jasiobedzka U, Jenkin H, Jenkin M, Jaekl P, Laurence J, Pentile G, Redlick F, Zacher J, Zikovitz D. (2002) Simulating self motion II: A virtual reality tricycle *Virtual Reality* 6: 86-95

2003

47. Kopinska A, Harris LR (2003) Spatial representation in body coordinates: evidence from errors in remembering positions of visual and auditory targets after active eye, head, and body movements. *Can J Exp Psychol.* 57 (1):23_37.
48. Jaekl P, Jenkin M, Harris LR (2003) Perceptual stability during active head movements orthogonal and parallel to gravity *Journal of Vestibular Research* 13: 265-271
49. Jenkin HL, Dyde RT, Jenkin MR, Howard IP, Harris LR (2003) Relative role of visual and non_visual cues in judging the direction of 'Up': Experiments in the York tilted room facility *Journal of Vestibular Research* 13: 287-293

2004

50. Kopinska A, Harris LR (2004) Simultaneity constancy *Perception* 33 (9): 1049-1060
51. Jenkin HL, Jenkin MR, Dyde RT, Harris LR (2004) Shape-from-shading depends on both shading and perceived orientation. *Perception* 33: 1453-1461

2005

52. Barnett-Cowan M, Dyde RT, Harris LR (2005) Is an internal model of head orientation necessary for oculomotor control? *Annals N.Y. Acad. Sci* 1039: 314-324
53. Jaekl P, Zikovitz DC, Jenkin MR, Jenkin HL, Zacher JE, Harris LR (2005) Gravity and perceptual stability during translational head movement on earth and in microgravity *Acta Astronautica* 56: 1033-1040
54. Jenkin HL, Dyde RT, Zacher JT, Zikovitz DC, Jenkin MR, Allison RS, Howard IP, Harris LR (2005) The relative role of visual and non-visual cues in determining the perceived direction of up: experiments in parabolic flight. *Acta Astronautica* 56: 1025-1032
55. Jaekl P, Jenkin MR, Harris LR (2005) Perceiving a stable world during active rotational and translational head movements. *Experimental Brain Research*.163: 388-399
56. Harrar V, Harris LR (2005) Simultaneity constancy: detecting events with touch and vision. *Exp. Brain Res.*166: 465-473

2006

57. Harris LR, Duke PJ, Kopinska A (2006) Flash lag in depth *Vision Research* 46: 2735-2742
58. Dyde RT, Jenkin MR, Harris LR (2006) "The subjective visual vertical and the perceptual upright" *Experimental Brain Research* 173: 621-622

2007

59. Lappe M, Jenkin M, Harris LR (2007) "Travel distance estimation from visual motion by leaky path integration" *Experimental Brain Research* 180: 35-48
60. Jaekl P, Harris LR (2007) "Auditory-visual temporal integration measured by shifts in perceived temporal location" *Neuroscience Letters* 417: 219-224
61. Harrar V, Harris LR (2007) "Multimodal ternus: visual, tactile and visuo-tactile grouping in apparent motion" *Perception* 36: 1455-1464
62. Jenkin HJ, Zacher JE, Jenkin MR, Oman CM, Harris LR.(2007) "Effect of field of view on the Levitation Illusion" *Journal of Vestibular Research*. 17(5-6):271-7
63. Sanderson J, Oman CM, Harris LR (2007) "The measurement of Coriolis effects: an example of a head-movement-contingent oscillopsia" *Journal of Vestibular Research*. 17(5-6):289-99

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122. Rebecca Winter, Laurence Harris, Vanessa Harrar, Marta Gozdzik (2007) The perceived timing of the active and passive components of a touch. Presented at the [International](#)

[Multisensory Research Forum](#) in Sydney, Australia. July 2007

123. Phil Jaekl, Laurence Harris (2007) Auditory-visual temporal binding occurs in the face of a mask. [International Multisensory Research Forum](#) in Sydney, Australia. July 2007
124. Harrar V, Sturm A, Harris LR (2007) Using a mirror to separate visual and proprioceptive cues to limb position. Presented at the [International Multisensory Research Forum](#) in Sydney, Australia July 2007
125. Trainor L, Harris LR. (2007) Vestibular stimulation. Submitted to the [International Multisensory Research Forum](#) in Sydney, Australia July 2007
126. Barnett-Cowan M, Sanderson J, Dyde RT, Fox SH, Hutchison WD, Harris LR (2007) The subjective visual vertical and the perceptual upright in Parkinson's disease. [Society for Neuroscience Abstracts 33: 369.4/R15](#)
127. Barnett-Cowan, M., Thompson, C., Sanderson, J., Dyde, R. T. & Harris, L. R. (2007) The subjective visual vertical and the perceptual upright in males and females. [Perception 36: S206-207](#).
128. Jenkin, H., Barnett-Cowan, M., Islam, A., Mazour, E., Sanderson, J., Dyde, R. T., Jenkin M. R. & Harris, L. R. (2007) The effect of tilt on the perceptual upright. [Perception 36: S208](#).

2008

129. Haji-Khamneh, B., Dyde, R.T., Sanderson, J., Jenkin, M.R., Harris, L.R. (2008) How long does it take for the visual environment to influence the perceptual upright? *Journal of Vision*, 8(6):651, 651a <http://journalofvision.org/8/6/651/>
130. Smith, K. W., Harris, L. R., & Steeves, J. K. E. (2008). Strategy for visual scanning of faces varies with the degree of Asperger Syndrome traits. *Journal of Vision*, 8(6):709, 709a, <http://journalofvision.org/8/6/709/>
131. Balaban, D.Y., Barnett-Cowan, M., Sanderson, J., Harris, L.R. (2008) Blood pressure response to roll depends on both visual and non-visual factors. *Journal of Vision*, 8(6):1064, 1064a <http://journalofvision.org/8/6/1064/>
132. Jenkin, H., Barnett-Cowan, M., Dyde, R., Sanderson, J., Jenkin, M., & Harris, L. (2008). Left/right asymmetries in the contribution of body orientation to the perceptual upright. *Journal of Vision*, 8(6):1062, 1062a, <http://journalofvision.org/8/6/1062/>
133. Smith KW, Harris LR, Steeves JK (2008) Strategy for visual scanning of faces varies with the degree of Asperger Syndrome traits Canadian Association of Neuroscience Conference, May 28, 2008, Montreal Quebec
134. Harrar, V., Harris, L.R. (2008) The perceived location of a touch shifts with eye position. [International Multisensory Research Forum](#) Hamburg
135. Barnett-Cowan, M., Harris, L.R. (2008) The timing of the vestibular sense. IMRF, Hamburg
136. Dyde RT, Harris LR (2008) Differences in orientation judgements made in upper and lower visual space point to upper visual space being specialised for perceptual vision. [Perception 37 ECVF Abstract Supplement, page 141](#)

2009

137. Harrar V, Frissen I, Harris LR (2009) Tactile localization is affected by simultaneously presented visual stimuli. VSS

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138. Dyde RT, Jenkin MR, Jenkin HL, Zacher JE, Harris LR. (2009) The effect of lunar gravity on perception: ambient visual cues have less effect on orientation judgements than they do on earth. VSS
139. Jenkin HL, Zacher JE, Dyd RT, Harris LR, Jenkin MRM (2009) How do SCUBA divers know which way is up? The influence of buoyancy on orientation judgements. VSS

INVITED COLLOQUIA

- 1979 June Kenneth Craik Club, Cambridge UK
1981 May Dalhousie University, Halifax, Nova Scotia, Canada (Cynader)
1981 Dept. Neurology, McGill University, Montreal (Guitton)
1981 Dept. Physiology, University of Seattle (Fuchs)
1981 Dept. Psychology, University of Durham, Durham, UK
1981 Dept. Physiology, Liverpool University, UK (Latto)
1982 Kenneth Craik Club, Cambridge, UK (??)
1982 Sept Dept. Physiology, University of Glasgow (Morris)
1982 MRC Research Unit, UCL, London, UK (Steele-Russell)
1982 Sept Dept Physiology, University of Edinburgh (Dutia)
1983 Dept. Psychology, Sussex (King/Darwin)
1983 Dept. of Neuroscience and Communications, Keele University, (Evans)
1984 Dept of Psychology, Durham (Findlay)
1984 Dept. Ophthalmology, University Hospital, The Strand, London, UK (Crawford)
1984 Sept Max Planck Institut, Tübingen, Germany (Rauschecker)
1984 From Cornea to Cortex, University of Wales, Cardiff, UK (Woodhouse)
1984 Sept Free University of Berlin, Germany (Grüsser)
1984 Steglitz Klinik, Berlin, Germany (Clarke)
1984 NASA Ames, Moffett Fields, California, USA (Tomko)
1985 Keynote speaker, BASICS, Banff, Alberta, Canada (Raymond)
1985 Man-Vehicle Lab, MIT, Cambridge, USA (Young)
1985 From Cornea to Cortex, University of Wales, Cardiff, UK (Woodhouse)
1987 Dept. Physiology, University of Oxford, Oxford, UK (Blakemore)
1989 Sept CNRS. Paris, France (Alain Berthoz)
1989 Dept. Psychology, York University, Toronto, Ont., Canada (Ian Howard)
1990 May University of Warwick, UK (Deborah Withington-Wray)
1992 YorkVis Discussion group, York University, Toronto, Ont., Canada
1991 Research Group in Perception, University of Toronto, Toronto (Allison Sekuler)
1991 May Dept. Ophthalmology, Waterloo University, Ont., Canada (Sue Leat)
1992 May Dept. Computer Science, University of Toronto (John Tsotsos)
1994 Dept. Psychology, Royal Holloway College, Univ. London, UK (Andy Smith)
1994 Dec 2 YorkVis Discussion group, York University, Toronto, Ont., Canada
1995 Research Group in Perception, University of Toronto, Toronto (Allison Sekuler)
1996 May Dept. Ophthalmology, Waterloo University, Ont., Canada (Robertson)
1997 Sept16 Kenneth Craik Club, University of Cambridge, Cambridge, UK (Ada Pelah)
1997 Centre for Vision Sciences, Rochester University, US (Peter Lennie)
1997 Oct 10 Dept. Psychology, University d'Montreal, Quebec, Canada (St-Armour)
1998 Mar 17 Dept. Psychology, McMasters University, Hamilton, Ontario (Terri Lewis)
1998 Aug 14 YorkVis Discussion group, York University, Toronto, Ont., Canada
1998 Sept 7 Zoology & Neurobiology, Ruhr-University, Bochum, Germany (Markus Lappe)
1999 Nov 8 University of Tübingen, Germany (Michael Fetter)

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- 1999 Nov 12 Max Planck Institut for Bio.Cybernetics, Tübingen, Germany (Heinrich Bülthoff)
- 2000 Feb 28 Dept. Biology, York University, Toronto, Canada (Lew)
- 2000 Sept 24 TNO, Soesterburg, The Netherlands (Eric Groen)
- 2000 Nov 26 Royal Canadian Institute Public Lecture, Toronto, Canada (Ken Davey)
- 2001 Nov Dept. Neurology, Univ. Pennsylvania, Pittsburgh, US (Dave Solomon)
- 2003 March Brown Bag Seminar, York University, Toronto, Canada (Luigi Bianchi)
- 2003 August Dept. Psychology, Univ. Alberta, Canada (Doug Wylie)
- 2003 Sept Dept. Psychology, Univ. Buffalo, USA (Jean-Pierre Koenig)
- 2004 May Dept. Psychology, Univ. Wales, Bangor, Wales (Jane Raymond)
- 2005 Sept Dept. Psychology, Royal Holloway College, Univ. London, UK (Andy Smith)
- 2006 Jan Dept. Psychology, McMaster University, Hamilton, Ont., Canada (Dave Shore)
- 2006 Jan Dept. Psychology, Univ. Toronto (Scarborough) (Matthias Neimeier)
- 2007 Feb 16 Dept. Kinesiology, York University, Toronto.
- 2008 July Dept. Psychology, Royal Holloway College, University of London
- 2008 Aug Canadian Space Agency, to CSA Educator Workshop

MEDIA PRESENTATIONS

2002

1. **York Univ. Website Nov 7, “ York researchers enjoying altered gravity states”**
<http://www.yorku.ca/yfile/archive/index.asp?Article=388>

2004

1. **YORK Univ. Website Dec 14 York space researchers gather to meet, share ideas**
<http://www.yorku.ca/yfile/archive/index.asp?Article=3764>
2. **YORK Univ. Website Feb 16 “Vision quest”**
<http://www.yorku.ca/yfile/archive/index.asp?Article=2392>

2005

1. **Discovery channel** Aired Friday Jan 28, 2005. Section on “The Daily Planet”; video online under the heading "Its all about perspective" at: <http://www.exn.ca/dailyplanet/>
2. **National Post** (a Canadian national newspaper) on Sat Jan 29. Back page, (page A24) feature spread.
3. **SPACE Channel**. Aired Feb, 2005
4. **CFTO/CTV** Feb 4, 2005 Ian Slack was the reporter
5. **CSA Website feature 8 Nov 2005**
<http://www.asc-csa.gc.ca/eng/sciences/perception.asp>
6. **Euro Times May 2005** a publication of the ESCRS, circulated to 25,000 ophthalmologists across Europe and beyond. “Scientists study which way is up” by Pippa Wysong
7. **YORK website: Feb 2, 2005 “York professor seeks cues to 'up' and 'down”**
<http://www.yorku.ca/yfile/archive/index.asp?Article=3972>
8. **YORK web site Feb 1, 2005 “'Sideways' room probes how to keep astronauts oriented”**
<http://www.yorku.ca/yfile/archive/index.asp?Article=3967>

2006

1. **CBC Jan 24** making a TV show for kids about disorientation and motion sickness. The show will be hosted by Bob McDonald from Quirks and Quarks.
2. York Media Press Release
<http://www.yorku.ca/mediar/archive/Release.asp?Release=1140>
3. http://www.yorku.ca/alumni/alumnimatters/nov-06/am_nov-06_zeroGravity.php
4. York Oct 6th <http://www.yorku.ca/yfile/archive/index.asp?Article=7115>

2008

1. Appeared on the Rick Mercer Show (<http://www.rickmercer.com>) demonstrating parabolic flight experiments.
2. The appearance was picked up by York’s ‘yfile’
<http://www.yorku.ca/yfile/archive/index.asp?Article=11656>

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3. Article in **Journal of Vision** picked by the 'Cognitive Daily'
http://scienceblogs.com/cognitivedaily/2008/12/whats_moving_you_the_backgroun.php
4. Canadian Space Agency write-up (19 Dec 2008) of experiments that will take place in orbit in 2009. <http://www.asc-csa.gc.ca/eng/sciences/bise.asp>

SERVICE TO YORK UNIVERSITY

1990/1

- ! Member Animal Care Committee *chair Keith Grasse*
- ! Member Workshop Committee *chair Peter Kaiser*
- ! Coordinator of the Psychology Department's "General Experimental" Area

1991/2

- ! Member Animal Care Committee *chair Keith Grasse*
- ! Member Workshop Committee *chair Peter Kaiser*
- ! Coordinator of the Psychology Department's "General Experimental" Area
- ! Psychology Department's representative to the Faculty of Science (*report to chair*)
- ! Member of Steering Committee of the Human Performance in Space division of the Institute for Space and Terrestrial Science (ISTS) *chairs DM Regan and Ian Howard.*

1992/3

- ! Member Animal Care Committee *chair Keith Grasse*
- ! Member Workshop Committee *chair Peter Kaiser*
- ! Coordinator of the Psychology Department's "General Experimental" Area
- ! Psychology Department's representative to the Faculty of Science (*report to chair*)
- ! Grades Reappraisal Officer. (*report to chair*)
- ! Member of Steering Committee of the Human Performance in Space division of the Institute for Space and Terrestrial Science (ISTS) *chairs DM Regan and Ian Howard.*

1993/4 (sabbatical)

- ! Member Animal Care Committee *chair Keith Grasse*
- ! Member Workshop Committee *chair Peter Kaiser*
- ! Chair of search committee for a position in Perception (*report to dept. chair*)
- ! Local Organizer of two NSERC site visits (*report to dept. chair*)
- ! Member of Steering Committee of the Human Performance in Space division of the Institute for Space and Terrestrial Science (ISTS) *chairs DM Regan and Ian Howard.*

1994/5

- ! Member Animal Care Committee *chair Keith Grasse*
- ! Member Workshop Committee *chair Peter Kaiser*
- ! Member President's NSERC committee *chair ???*
- ! Member of Departmental Executive Committee *chair Sandra Pyke*
- ! Member Undergraduate Teaching Committee *chair Janice Johnson*
- ! Member Junior Promotion and Tenure committee *chair Clarry Lay*

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- ! Member Committee for Education and Academic Standards (CEAS) *chair Steven Filseth (Chemistry)*
- ! Experimental Area Representative to Graduate Programme *chair Marilyn Zivian*
- ! Member of Steering Committee of the Human Performance in Space division of the Institute for Space and Terrestrial Science (ISTS) *chairs DM Regan and Ian Howard.*

1995/6

- ! Vice Chair Animal Care Committee *chair ASM Saleuddin (Biology)*
- ! Member Workshop Committee *chair Peter Kaiser*
- ! Member President's NSERC committee *chair ???*
- ! Member of Departmental Executive Committee *chair Sandra Pyke*
- ! Member Undergraduate Teaching Committee *chair Janice Johnson*
- ! Member Committee for Education and Academic Standards (CEAS) *chair Steven Filseth*
- ! Experimental Area Representative to Graduate Programme *chair Marilyn Zivian*
- ! Member of Executive for the Graduate Faculty *chair Marilyn Zivian*
- ! Member of the Senate Committee for Curriculum and Academic Standards (CCAS) *chair June Awrey*
- ! Chair of Search Committee for a position in Perception (*report to chair of Psychology*)
- ! Member of Steering Committee of the Human Performance in Space division of the Institute for Space and Terrestrial Science (ISTS) *chairs DM Regan and Ian Howard.*

1996/7

- ! Vice chair Animal Care Committee *chair ASM Saleuddin (Biology)*
- ! Member Workshop Committee *chair Peter Kaiser*
- ! Member President's NSERC committee *chair Brian Coleman*
- ! Member of Departmental Executive Committee *chair Sandra Pyke*
- ! Experimental Area Representative to Graduate Programme *chair Marilyn Zivian*
- ! Member of Executive for the Graduate Faculty *chair Marilyn Zivian*
- ! Member of the Senate Committee for Curriculum and Academic Standards (CCAS) *chair David Lumsden*
- ! Member of Steering Committee of the Human Performance in Space division of the Institute for Space and Terrestrial Science (ISTS) *chairs DM Regan and Ian Howard.*
- ! Member of Senior Tenure and Promotions committee *chair Paul Stager*

1997/8

- ! Chair Animal Care Committee
- ! Theme director of the Human Performance in Space division of the Centre for Research in Earth and Space Technologies (CRESTech) (previously ISTS)
- ! Member of Departmental Executive Committee *chair Sandra Pyke*
- ! Experimental Area Representative to Graduate Programme *chair Ron Okada*
- ! Member of Executive for the Graduate Faculty *chair Ron Okada*
- ! Member of the Senate Committee for Curriculum and Academic Standards (CCAS) *chair David Lumsden (resigned)*
- ! Member of Senior Tenure and Promotions committee *chair Les Greenberg*
- ! Prepared **successful** Ontario Challenge Fund grant proposal on behalf of the Centre for Vision Research and York University
- ! Prepared **successful phase 1** Canadian Foundation for Innovation grant proposal on behalf of the Centre for Vision Research and York University
- ! Ranked NSERC fellowship applications
- ! Ranked Psychology OGS fellowship applications

1998/9

- ! Chair Animal Care Committee
- ! Theme director of the Human Performance in Space division of the Centre for Research in Earth and Space Technologies (CRESTech)
- ! Member of Departmental Executive Committee *chair Sandra Pyke*
- ! Experimental Area Representative to Graduate Programme *chair Dr Allcock*
- ! Prepared and submitted **successful phase 2** Canadian Foundation for Innovation grant proposal on behalf of the Centre for Vision Research and York University
- ! Member Psychology Dept. Undergraduate Teaching Committee *chair Regina Schuller*

1999/2000 (sabbatical)

- ! Theme director of the Human Performance in Space division of the Centre for Research in Earth and Space Technologies (CRESTech)
- ! Associate director of the Centre for Vision Research at York University (CVR)

2000/2001

- ! Associate director of the Centre for Vision Research at York University (CVR)
- ! Member of Junior Tenure and Promotions Committee (*chair, Jim Bebko*)
- ! Member of the Human Performance in Space Theme Committee: a division of the Centre for Research in Earth and Space Technologies (CRESTech)

2001/2002

- ! Associate director of the Centre for Vision Research at York University (CVR)
- ! Member of Senior Tenure and Promotions Committee. *chair Les Greenberg*
- ! Member of the Human Performance in Space Theme Committee: a division of the Centre for Research in Earth and Space Technologies (CRESTech)
- ! Coordinator for the CFI-sponsored move from BSB to the new Science building
- ! Advisor to the graduate director *director David Rennie*
- ! Ranked NSERC fellowship applications

2002/2003

- ! Associate director of the Centre for Vision Research at York University (CVR)
- ! Area coordinator for the Brain Behaviour and Cognitive Sciences area of Psychology
- ! Member of the Tenure and Promotions Committee. *Chair Paul Stager*

2003/2004

- ! Steering committee member and seminar coordinator for the Centre for Vision Research at York University (CVR)
- ! Assessed Merit applications for Faculty of Arts

2004/2005

- ! Steering committee member and seminar coordinator for the Centre for Vision Research at York University (CVR)
- ! Chair of the Psychology Tenure and Promotions Committee
- ! Member of the Psychology Executive Committee. *Chair Dave Reid*
- ! Ranked NSERC fellowship applications

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2005/2006

- ! Steering committee member and seminar coordinator for the Centre for Vision Research at York University (CVR)
- ! Chair of the Psychology Tenure and Promotions Committee
- ! Member of the Psychology Executive Committee. *Chair Dave Reid*
- ! Ranked NSERC studentship applications for the University
- ! Member of the Governance Design Committee (subcommittee of the Psychology Exec)
- ! Chair of the BBCS recruiting committee

2006/2007

- ! Steering committee member and seminar coordinator for the Centre for Vision Research at York University (CVR) [until Jan 2007]
- ! Chair of the Psychology Dept.(with associated duties, e.g., Senator)

2007/8

- ! Chair of the Psychology Dept.(with associated duties, e.g., Senator)

2008/9

- ! Chair of the Psychology Dept.(with associated duties, e.g., Senator)

COURSES TAUGHT AT YORK UNIVERSITY

1989/90	NATS 1720.06	Light and Sound
1990/91	PSY 2220.03M	Perception
	PSY 2220.03N	Perception
1991/92	NATS 1720.06	Light and Sound
	PSY 7010.03	Sensorimotor Transformations
	PSY 2220.03M	Perception
	PSY 2220.03N	Perception
	NATS 1720.06	Light and Sound
	PSY 4000.06	Marla Bigel, <i>Vestibular Responses of Skaters and non_skaters to various speeds.</i>
	PSY 4000.06	David Direnfeld, <i>The contribution of the vestibular system to depth perception.</i>
1992/93	PSY 7010.03	Sensorimotor Transformations
	PSY 2220.03M	Perception
	PSY 2220.03N	Perception
	NATS 1720.06	Light and Sound
	PSY 7010.03	Sensorimotor Transformations
	PSY 3890.03	Alykhan Suleman, <i>Age Related Changes to the vestibulo_ocular reflex.</i>
	PSY 4000.06	Corey Adler, <i>The contribution of the vestibular system to perceptual space.</i>

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	PSY 4000.06	Deron Brown, <i>The vestibulo_ocular reflex of skaters: conditions and direction of rotation and its effect on time constants and gain.</i>
	PSY 3890.06	Benyamin Friedman, <i>The contribution of the vestibular system to the perception of self_motion.</i>
	PSY 4000.06	Angelica Velman, <i>Visual channel mapping using the method of adaptation.</i>
	PSY 4000.06	Melissa Snider, <i>The contribution of the vestibular system to perceptual space.</i>
1993/94	sabbatical	
	PSY 3890.06	Angelica Velman, <i>Velocity detection in full field motion</i>
1994/95	PSY 2220.03M	Perception
	PSY 2220.03N	Perception
	NATS 1720.06	Light and Sound
	PSY 4000.06	Eliana Klier, <i>Skating project</i>
	PSY 4000.06	Lani Lieberman, <i>Saccadic suppression of auditory stimuli. (Winner of the Templeton Award for best 4th year thesis.)</i>
	PSY 4000.06	Emre Onat, <i>Cues concerning linear translation.</i>
	PSY 4000.06	Dan Zikovitz, <i>Head tilt during lateral acceleration</i>
	PSY 3890.06	Jorge Sousa, <i>Visual cues to linear self motion.</i>
1995/96	PSY 2220.03M	Perception
	PSY 3270.03M	Sensory Processes
	NATS 1720.06	Light and Sound
	PSY 3890.06	(Summer 1995) Sandy Russill, <i>Asocial world and hearing impairment</i>
	PSY 3890.06	(Summer 1995) Laura Mather., <i>Formulating a questionnaire to be administered to hard of hearing students</i>
	PSY 3890.06	Dan Zikovitz., <i>Head tilt during driving</i>
	PSY 4000.06	Howard Krupat, <i>Linear self motion perception</i>
	PSY 4000.06	Antonio Pascual-Leone, <i>The perception of linear forces</i>
1996/97	PSY 4870.03	(Summer 1996) Laura Mather., <i>The needs of hard of hearing students at universities</i>
	PSY 4000.06	(Summer 1996) Danny Kreichman., <i>Can tilt simulate linear acceleration?</i>
	PSY 2220.03M	Perception
	PSY 3270.03M	Sensory Processes
	PSY 6750.03D	Sensory and Motor Neurophysiology
	GS FILM 5800.03N	René Albert . <i>Directed reading course</i>
	PSY 3890.06	Irene Balestra. <i>The development of stereopsis</i>
1997/98	PSY 2220.03P	Perception
	(PSY 3270.03M	Sensory Processes)

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	PSY 6750.03D	Sensory and Motor Neurophysiology
	PSY 3890.06	David Shulman. <i>Perception of time</i>
	PSY 3890.03	Laura Kesicki. <i>Development of language</i>
1998/99	PSY 3270.03	Sensory Processes
	PSY 6750.03D	Sensory and Motor Neurophysiology
	PSY 4870.06	(Summer 1998) Elham Khosousi, <i>The moon illusion</i>
	PSY 4000.06	Jeffrey Tannenbaum, <i>Monocular vs binocular virtual reality displays</i> (not completed)
	PSY 3890.06	Philip Jaekl, <i>Virtual reality sickness</i>
	PSY 4870.06	Karen Ross, <i>Velocity of vection</i>
1999/2000	sabbatical	
	PSY 4870.06	(Summer 1999) Diana Tajik, <i>Eye movements and illness</i>
	PSY 4000.06	Philip Jaekl. <i>Perception of linear motion</i>
2000/2001	PSY 2220.03M	Perception
	PSY 3270.03	Sensory Processes
2001/2002	PSY 2220.03	Perception
	PSY 3270.03	Sensory Processes
	PSY 4870.03	(Summer 2001) Eirica Perri. <i>Eidetic memory and blindsight</i>
	PSY 4890.03	(Fall 2001) Igor Frenkel. <i>Analysis of Self_Motion by MSTd</i>
2002/2003	PSY 2220.03	Sensation and perception I
	PSY 3270.03	Sensation and perception II
	PSY 6750.03P /BIOL 5136 3.0/KAHS 6161	Perception and action
	PSY 3890.06	James Toby. <i>Music perception</i>
	PSY 4890.06	Jamal Nakhat. <i>Touch and visual localizing</i>
	PSY 4000.06	Isabel Lee <i>Central vs peripheral vision.</i>
	COSC6002.03	Virtual Reality: Technology and Perception. Course director: M Jenkin, Comp. Sci.
2003/2004	PSY 4000.06	Vanessa Harrar <i>Touch and light localizing</i>
	PSY 4000.06	(summer 2003) Anisha Abreo <i>Touch processing</i>
	PSY 4000.06	Shabnam Sadr <i>Perceptual orientation and gravity</i>
	PSY 3890.06	Dan Kim <i>Synaesthesia and coding in the brain</i>
	PSY 2220.03	Sensation and perception I
	PSY 3270.03	Sensation and perception II
	PSY 6750.03P /BIOL 5136 3.0/KAHS 6161	Perception and action
2004/2005	PSY 4000.06	Sanaz Banihashemi (summer 2004) <i>Adapting touch & light</i>
	PSY 2220.03	Sensation and perception I
	PSY 3270.03	Sensation and perception II
	PSY 6750.03P /BIOL 5136 3.0/KAHS 6161	Perception and action
	PSY 3890.03	Aliza Sturm <i>Are we all synaesthetes?</i>
	PSY 4000.06	Rebecca Winter <i>Cross-modal motion</i>
	PSY 4890.06	Audrey Sasson <i>Neural basis of wayfinding</i>
	PSY 4890.03	Jhaibaloo Loisos <i>Subliminal perception</i>
2005/2006	PSY 6750.03P /BIOL 5136 3.0/KAHS 6161	Perception and action

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	PSY 4890.06	Jaspreet Kalsey (Summer 2005) <i>Motion and self-motion</i>
	PSY 4000.06	Jaspreet Kalsey <i>Measuring the Coriolis effect</i>
	PSY 4890.03	Hira Syed <i>Perception in virtual reality</i>
	PSY 4000.06	Bahar Salavati <i>Memory of space and time</i>
	PSY 4000.06	Aliza Sturm <i>Perception of space</i>
	PSY 4890.03	Pearl Guterman “ <i>Optic Flow and steering</i> ”
2006/2007	chair	
	PSY 4000.06	Jean-Francois Nankoo (summer 2006) “ <i>Orang utans</i> ”
	PSY 4000.06	Shree Kargutkar (summer 2006) “ <i>Active touch</i> ”
	PSY 4000.06	Angela Badulescu “ <i>Perceiving hand orientation</i> ”
	PSY 4000.06	Marta Gozdzik “ <i>Active and passive touch</i> ”
	PSY 4000.06	Cameron Thompson “ <i>Gender and sensory weighting</i> ”
	PSY 4890.06	Aliza Sturm “ <i>Moving visual space with a mirror</i> ”
	PSY 4890.06	Dahlia Balaban “ <i>Blood pressure and illusory motion</i> ”
2007/2008	chair	
	PSY 4890.06	Carrie Lai (summer 2007) “ <i>Orientation and reaction time</i> ”
	PSY 4890.06	Damir Olejar “ <i>sensory substitution</i> ”
	PSY 4890.06	Rahim Kanji “ <i>Blindsight</i> ”
2008/2009	chair	
	PSY 4000.06	Shael Katz “ <i>Two methods of measuring perceived time</i> ”
	KIN 4000.06	Morteza Saheh “ <i>Head, trunk and perceived orientation</i> ”

Masters committees that I have been on (completed)

- 1 Goltz, Herb. *The effect of gravity on the eye position of the paralysed and anaesthetized cat*. 1991 Oct (supervisor: Marty Steinbach, Psychology, York)
- 2 Sawin, Elena Patricia. *The response of Drosophila Melanogaster larvae to Light* (I was 'Outside Examiner'. supervisor: MB Sokolowski, Biology York) 9 Sept 1993
- 3 Cao, Lianquin. *Saturation discrimination as a function of temporal frequency*. November 1992. (supervisor: Peter Kaiser, Psychology, York).
- 4 Liebesman, Jodi. *The Physiology of range of motion in human joints*. 28 May 1993 (I was the 'outside' examiner. Supervisor: E. Caferelli, Phys Ed., York)
- 5 Kaushal, Suneeti. *Monocular Discrimination of the direction of motion in depth*. 7 Jun 1993 (I was chair: Supervisor: DM Regan, Psychology, York).
- 6 Stieben, Jim. *Cognitive style correlates in endogenous evoked potentials: an exploratory investigation of Pascual_Leone's model*. (Supervisor: Pascual_Leone, Psychology, York) 2 Dec 1994
- 7 Hinckney, Sean. *Arm pointing*. 1 Dec 1994 (supervisor: Otmar Bock, Phys Ed. York)
- 8 Jakobi, Jennifer *The myth of the bilateral deficit* 26 June 1996 (supervisor: E. Caferelli, Phys Ed, York)
- 9 Penfield, Randall. *Alterations in receptive field size in the superior colliculus induced by bicuculline*. 8 Oct 1996 (supervisor: Keith Grasse, Biology, York)
- 10 Steeves, Jennifer. *Asymmetry of OKN in early and late onset strabismus*. 7 Oct 1996 (supervisor: Marty Steinbach, Psychology, York)

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- 11 Comfort, Deanna. *Double step pointing*. 21 Jan 1997 (supervisors: Barry Fowler, Physical Education, York & Otmar Bock, Cologne, Germany)
- 12 Acouin, Nicole *Virtual Reality Algorithms* April 1997 (supervisor M. Jenkin, Computer Science, York)
- 13 Klier, Eliana *Three dimension eye movements and pointing* 21 April 1998 (Supervisor: JD Crawford, Psychology, York)
- 14 Smith, Michael *Modelling the three-dimensional vestibulo-ocular reflex* Sept 2, 1998 (Supervisor: JD Crawford, Psychology, York)
- 15 LeSage, Susan *Using the tilt table to simulate +/- Gz effects*. Feb 24, 1999 (Supervisor: L. Goodman, DCIEM)
- 16 Reid, Greg *Binaural scene analysis* Mar 23, 1999 (Supervisor E. Milios, Computer Science, York)
- 17 Wright, Helen *Physiological Measurement of the influence of Gz Baseline on + Gz Tolerance in Flight*. July 21, 1999 (Supervisor Fred Buick, DCIEM)
- 18 Ceylan, Melike *Z Eye-head coordination in humans*. 5 Oct 1999 (supervisor JD Crawford, Psychology, York)
- 19 Harris, Yoela *First and Second order Stereopsis*. 30 Nov 1999 (supervisor: L. Wilcox, Psychology, York)
- 20 Tajik, Diana *Development of smooth pursuit eye movements*. 24 Jan 2000 (supervisor: M. Steinbach, Psychology, York)
- 21 Hu, Gang *Visual and non-visual cues in reorientation illusions*. 28 Jan 2000 (Supervisor: I Howard, Biology, York)
- 22 Kapralos, William *Eyes 'n' ears*. April 2001 (Supervisor: M. Jenkin, Computer Science, York)
- 23 Terry, Kathy *Immunocytochemistry of circadian clocks in the insect *Rodnius**. 11 July 2001 (Supervisor: Colin Steele, Biology, York)
- 24 Mogk, Jeremy *Arm muscles during movement* 25 March 2002 (Supervisor: Kinesiology, York)
- 25 Brandon Meyers *Caffeine increases time to fatigue* (Supervisor: Caferelli, Health Sciences, York) 14 Aug 2002
- 26 Arlene Ripsman *Local surface reconstruction of orbital objects* (Supervisor: Michael Jenkin, Computer Sciences, York) 6 Aug 2002
- 27 Kevin Hanson *Tracking multiple objects* (Supervisor: J. Rivest, Psychology, Glendon) 29 Aug 2002
- 28 Alina-Geta Constantin *The Superior Colliculus* (Supervisor: JD Crawford, Psychology, York) 10 Sept 2002
- 29 Josef Amati (Supervisor: J. Elder, Psychology, York)
- 30 Hogue, Andrew *Mobile Automatic Realtime Visual and Inertial tracking system* (Supervisor: M Jenkin, Computer Science, York) 6 May 2003
- 31 Gagnon, Martin (Supervisor: B. Fowler, Kinesiology, York) June 2003
- 32 Goren, Deborah (Supervisor: H. Wilson, Biology, York) *Face expression recognition* 16 Aug 2004
- 33 Barr, MS (Supervisor: L. Sergio, Kinesiology, York) *Coding targets*. April 2005

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- 34 Legon, Wynne (Supervisor: R. Staines, Kinesiology, York) *Predictability of movement targets modulates somatosensory cortex*. 2 Sept 2005
- 35 Clarke, Aaron (Supervisor: J. Elder, Psychology, York) *Contour definition*. 29 Sept 2005
- 36 Ben (Supervisor: D. Pepler) *Peer pressure on delinquency*. Sept 2006
- 37 Zanette, Christopher (Supervisor: J. Steeves, Psychology, York) *Strabismus and smooth pursuit*. 12 Sept 2008
- 38 Gaid, Nicole (Supervisor: L. Wilcox, Psychology, York) *Body image* 29 Aug 2008
- 39 Mullin, Caitlin (Supervisor: J. Steeves, Psychology, York) *McCollough illusion in a patient with achromotopsia*. 20 Aug 2008

Masters committees that I am on (current)

- 1 Ascencio Monteon, Jachin (Supervisor: JD Crawford, Psychology, York)
- 2 Sand, Corey (Supervisor: C. Green, Psychology, York)
- 3 Guterman, Pearl (Supervisor: R. Allison, Computer Sci. York)

PhD committees I have been on (completed)

- 1 Regan, Marian. *Rectifier Responses to two sinusoidal inputs*. 1991.(supervisor DM Regan, Biology, York)
- 2 Reed, Maureen. *The development of optokinetic nystagmus and contrast sensitivity in eye enucleated strabismic subjects*. June 1991.(supervisor, for whom I stood in after he left for California, Stuart Anstis)
- 3 Hamstra, Stanley J. *Human shape discrimination for form defined by binocular disparity, motion contrast and luminance contrast*. 6 Sept 1994 (Chair of his committee: supervisor: DM Regan).
- 4 Portfors-Yeomans, Christine. *Motion and stereo and flight* 2 Aug 1996. (Supervisor: DM Regan, Biology, York)
- 5 Dengis, Carol. *Location of the egocentre* 7 Jan 1997. (I was chair. Supervisor: Marty Steinbach, Psychology, York).
- 6 Goltz, Herb. *The effect of linear acceleration on eye position* April or May 1997 (supervisor: Marty Steinbach, Psychology, York)
- 7 Allison, Robert *Binocular vision* 31 March 1998 (Supervisor: IP Howard, Biology, York)
- 8 Jenkin, Heather *Perception of rotated objects*. 3 August 1999 (Supervisor: E. Bialystok, Psychology, York)
- 9 Grove, Philip *Vision of occluded surfaces*. 11 Sept 2001 (Supervisor: H. Ono, Psychology, York)
- 10 Henriques, Denise *Control of pointing and reaching*. 3 March 2002 (Supervisor: J.D. Crawford, Psychology, York)
- 11 Klier, Eliana *Brainstem control of gaze* (Supervisor: JD Crawford, Psychology, York) 18 Dec 2002
- 12 Smith, Mike *Modelling control of saccades with neural networks* (Supervisor: JD Crawford, Psychology, York) 17 Jan 2003
- 13 Kapralos, William (Supervisor: M. Jenkin, Computer Sci., York) *Modelling sounds*. Summer 2006

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- 14 Kristin Force (Supervisor: Dorothy Deval, Music, Fine Arts, York) *The music of Philip Glass and the perception of films*. 8 Sept. 2008
- 15 Constantin, Alina-Geta (Supervisor: JD Crawford, Psychology, York) *Cortical control of gaze*. 7 November 2008.

PhD committees that I am on (current)

- 1 Tajik, Diana (Supervisor: M Steinbach, Psychology, Atkinson)
- 2 Konovalova, Yaroslava (Supervisor: L. Wilcox, Psychology, York)
- 3 Wong, Teser (Supervisor: D. Henriques, Kinesiology, York)
- 4 Prime, Steve (Supervisor: JD Crawford, Psychology, York)

GRADUATE STUDENTS (mine)

- 1 Hodgson, Tim L. *Variations in sensitivity to rotations of the visual field around different axes*. Started a PhD with me in Cardiff in 1989 but when I came to York he was unable to follow. PhD Summer 1996 with Kennedy at Institute of Neurology, Strand Hospital.
- 2 Mente, Peter. *A channel-based system for coding head movements in the cat* (MSc biology, started Fall 1993; completed 26 Sept 1996)
- 3 Mente, Peter. *Eye and head control in the cat* (PhD Biology started Fall 1996; withdrew)
- 4 Kreichman, Danny. *Perception of visually induced motion during tilt* (MSc biology started Fall 1996; completed Aug 1998)
- 5 Zikovitz, Dan. *Self motion perception* (MSc biology started Fall 1996; completed Oct 1998)
- 6 Kopinska, Agnieszka. *Mapping auditory onto visual space* (MA Psychology started Fall 1996; completed 23 Feb 1999)
- 7 Hudoba, Michelle. *3D eye and head movements evoked by passive rotation of cats* (Msc Biology started Fall 1997; completed 21 Jan 2000)
- 8 Redlick, Fara. *Optic flow and proprioception in self-motion perception* (MSc Biology started Fall 1998, completed June 1999)
- 9 Zikovitz, Dan. *"The perception of linear self-motion in response to combinations of visual and physical motion cues"*. (PhD Biology started Fall 1998; completed May 31st, 2004)
- 10 Kopinska, Agnieszka. *Multimodal spatial perception*. (PhD Psychology started Winter 1999, Completed December 2006)
- 11 Jaekl, Phil. *"Stability during active head movements."* (MA Psychology started Fall 2000, completed 28 Nov 2003)
- 12 Barnett-Cowan, Michael *Eye movements, orientation and gravity* (MA Psychology, started Fall 2003, Completed July 2005)
- 13 Jaekl, Phil (PhD Psychology, started Spring 2004) Completed Fall 2008
- 14 Harrar, Vanessa (205 658 588 MA Psychology started Fall 2004, Completed Summer 2006)
- 15 Sanderson, Jeff (MA Psychology, started Fall 2004 Completed Fall 2006)
- 16 Barnett-Cowan (PhD Psychology started Fall 2005)
- 17 Harrar, Vanessa (205 658 588 PhD Psychology started Fall 2006)

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- 18 Winter, Rebecca (MA Psychology started Fall 2006) Completed Fall 2008
- 19 Bahar Haji-Khamneh (206 489 272. MA Psychology started Fall 2007)
- 20 Blake Martin (PhD Kinesiology, co-supervised by Denise Henriques, started Fall 2007)

POST DOCS in my laboratory

- 1 Stelling, John. *The vestibular nucleus and visual vestibular interactions*. (University of Wales, Physiology). Post_doctoral research fellow, supported by my MRC grant in the UK 1986_1990.
- 2 Lott, Lori. *The processing of full_field movement*. Post Doc at York. Post_doctoral research fellow supported by NSERC grant 1992/3
- 3 McConville, Kristiina. *The response to linear movement*. Post Doctoral Research Fellow supported by an NSERC industrial post-doctoral fellowship 1995/6
- 4 Allison, Rob. *Active and passive cues in the perception of linear motion*. Post Doctoral Research Fellow supported by an NSERC collaborative grant 1998
- 5 Dyde, Richard. *Perception of movement in unusual environments*. Post-Doctoral Fellow, supported by NSBRI. Started Sept 2001.
- 6 Jenkin, Heather. *Gravity and Perception*. Post-Doctoral Fellow, supported by CSA. Started spring 2002.

RESEARCH ASSISTANTS

- 1 Sugirhini Selvanayagarajah 2001/2 Supported by NSERC
- 2 Jim Zacher 2002/7 - Supported by CSA
- 3 Shamani Selvanayagarajah 2002/4 Supported by NSERC
- 4 Jeff Sanderson 2006- 2008. Supported by Faculty of Health

SUPERVISION OF RESEARCH PRACTICA (in addition to my own students)

- 1 Teeaar, Aivo (*Visual cues to self motion*)
- 2 Warner, Jennifer (*Visual motion*)
- 3 Prime, Steve (*Tracking of lights and sounds*) 2008

WORK STUDY STUDENTS

- 1 Bigel, Marla. (#235) 16 Sept 1991 - 15 April 1992
- 2 Brown, Deron J. (#234) 1 Oct 1992 - 30 April 1993
- 3 Velman, Angelica (#391) Oct 1993_April 1994
- 4 Sousa, Jorge. (#44) Sept 1994_April 1995
- 5 Onat, Emre. (#45) Nov 1994_April 1995
- 6 Sousa, Jorge (#73) Sept 1995- April 1996
- 7 Zikovitz, Dan (#72) Sept 1995-April 1996
- 8 Sousa, Jorge (#76) Aug 1996-April 1997

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- 9 Jaekl, Phil (#623) Aug 1999-April 2000
- 10 Abreo, Anisha (#251) Summer 2003
- 11 Harrar, Vanessa (#124) Sept 2003-April 2004
- 12 Selvanayarajah, Shamani (#109) Summer 2004
- 13 Jaspreet Kalsey (#87) Summer 2005
- 14 Bahar Salavati (#771) Fall 2005
- 15 Shree Kargutkar (#???) Summer 2006

NSERC SUMMER STUDENTS

- 1 Sidlovsky, Greg (summer 1995)
- 2 Selvanayarajah, Shamani (summer 2003)
- 3 Sadeh, Morteza (summer 2008)

EXTERNAL EXAMINER

- 1 Rey, G. *The analysis of vestibular eye movements*. PhD Thesis. 1992 Sept. (supervisor: Mimi Galiana, Biomedical Engineering, **McGill University**).
- 2 McConville, Kristiina Mai Valter. *Single cell responses in the vestibular nuclei during combined head rotation and translation with ocular convergence*. PhD Thesis. 14 Sept 1994 (Supervisor: Dave Tomlinson, Dept Otolaryngology, **University of Toronto**)
- 3 Miyoshi, Hiroto. *The effect of combined illusions*. PhD Thesis (University of Toronto, Department of Psychology) Oct 1994 (Supervisor: John Kennedy, Dept Psychology, **University of Toronto**).
- 4 Barnes, Claire. *Human eye saccades to targets of low energy*. PhD Thesis April, 1995 (Supervisor: Peter Hallett, Dept Physiology, **University of Toronto**)
- 5 Wells, Elizabeth *The effect of aging on the mammalian visual system*. 20 July 1998 MSc thesis (supervisor J. Mendelsohn, Psychology, **University of Toronto**)
- 6 Bacon, Benoit A. (30 April 1999) *Etudes des substrats neurologiques de la stereosie chez le chat*. 1999 PhD thesis. (supervisors: Franco Lepore & Pierre Guillemont, **Université de Montreal**)
- 7 Priesol, Adrian (*Pending*) *Control of cat eye movements* (supervisor Dianne M. Broussard, IMS, **University of Toronto**)
- 8 Musallam, Sam (*Summer 2001*) *Otolith-canal interactions in the vestibular nucleus* PhD Thesis (Supervisor: Dave Tomlinson, Dept Otolaryngology, **University of Toronto**)
- 9 Huterer, Marko (*Summer 2001*) *Characterization of vestibulo-ocular reflex dynamics: responses to head perturbations during gaze stabilization versus gaze redirection*. Msc Thesis (supervisor: Kathy Cullen, Physiology, **McGill University**)
- 10 Schreiber, Kai (Dec 17, 2002) *Three dimensional eye movements and stereopsis* (supervisor: Doug Tweed, Physiology, **University of Toronto**)
- 11 Crowder, Nathan (14 Aug, 2003) *Accessory optic system in the pigeon* (supervisor: Doug Wong-Wylie, Physiology, **University of Edmonton, Alberta**)
- 12 Peterson, Michael (18 Sept, 2003) *Inhibiting the flocculus of cats* (supervisor: Dianne Broussard, Physiology, **University of Toronto**)

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- 13 Marlene Luis (16 Sept., 2008) *Visual vestibular interactions during aerial skills*
(supervisor: Luc Tremblay, Kinesiology, **University of Toronto**)